# FOOD
# PROCESSING & PACKAGING
# DIRECTORY
## 1975

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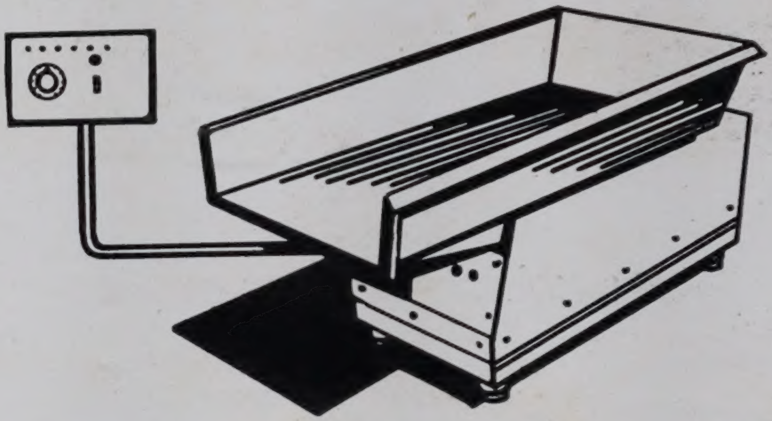

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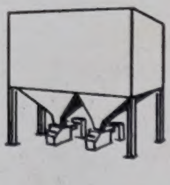

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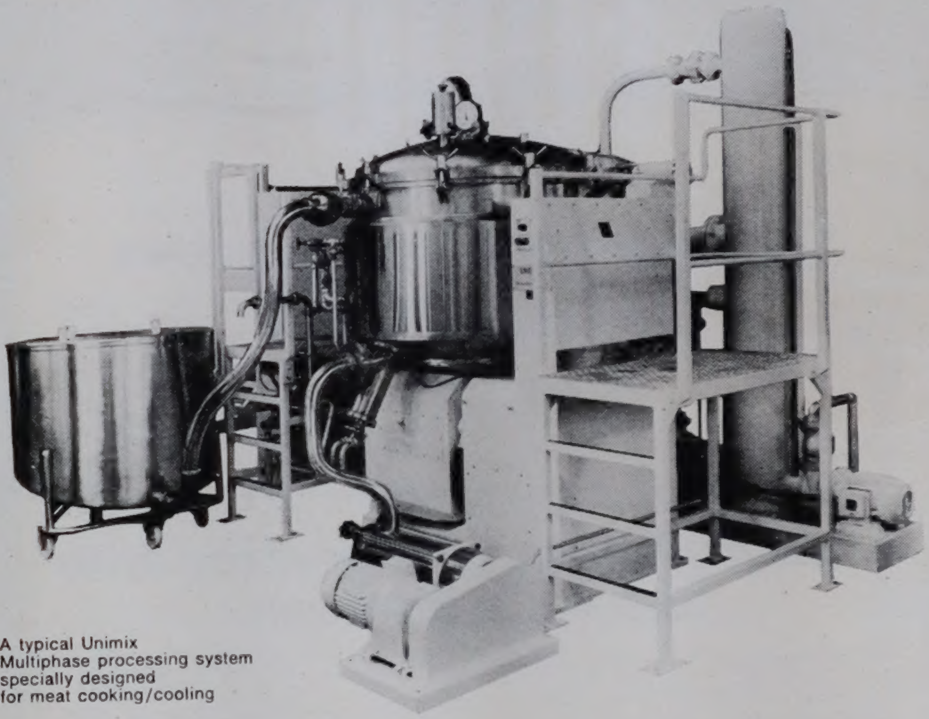

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# FOOD
# PROCESSING & PACKAGING
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# 1975

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*Edited by*
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# FOOD
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# DIRECTORY

1975

## CONTENTS

*Page*

Food Research Organisations ... ... ... 5
Trade Associations, etc. ... ... ... ... 8
Education ... ... ... ... ... ... 18
Food Processors ... ... ... ... ... 23
Processed Foods, classified ... ... ... ... 186
Commodities, classified ... ... ... ... 223
Suppliers of Commodities, names and addresses 274
Blending and Grinding Service ... ... ... 293
Plant, Equipment and Packaging Machinery, classified ... ... ... ... ... ... 295
Suppliers of Plant, Equipment and Packaging Machinery, names and addresses... ... ... 494
Suppliers of Reconditioned and Used Plant and Equipment ... ... ... ... ... 539
Packaging Materials, classified ... ... ... 541
Suppliers of Packaging Materials, names and addresses ... ... ... ... ... ... 561
Packaging Designers and Consultants ... ... 576
Hygiene: Classified ... ... ... ... ... 577
Hygiene: Names and Addresses ... ... ... 580
Trade and Brand Names ... ... ... ... 587
Summary of British and Overseas Food Standards and Regulations ... ... ... ... 617
Tables of Official Permitted Colours ... ... 801
Consultants ... ... ... ... ... ... 807
Index of Consultants ... ... ... ... 817

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# PREFACE

## 1975 EDITION

ONCE again we have to record the success of having converted this directory to an annual publication in place of its former frequency of alternate years. The effect has been to increase its popularity and despite a bigger print order the 1974 edition was sold out within a few weeks of publication.

In presenting the 1975 edition (the fourteenth) we have still further increased the print order in the hope of satisfying the demand.

All sections of the directory have been revised as has been our practice with previous editions. The assistance of all companies or bodies named in this volume has been sought in updating the information relating to their activities.

Over a period editions of this publication reflect the changing pattern of the food processing industry. During the year which has elapsed since the thirteenth edition no significant change of pattern has emerged. New classified headings continue to be added to all sections to keep pace with the changing needs of the industry and those who supply it with plant and materials.

The important section which summarises food standards and regulations throughout the world has again been revised by Mrs C S Burke.

The attention of users of this section is drawn particularly to the general notes at the beginning which give some useful guidance about certain specific changes, and others which have been proposed or are being contemplated.

# FOOD RESEARCH ORGANISATIONS

---

**Agricultural Research Council**
160, Great Portland Street, London, W1N 6DT. *Tel.* 01-580 6655
*Secretary:* W. M. Henderson, D.Sc. M.R.C.V.S.

**British Food Manufacturing Industries Research Association**
Randalls Road, Leatherhead, Surrey, KT22 7RY. *Tel. Leatherhead* (037-23) 76761.

*Director of Research:* A. W. Holmes, B.Sc., Ph.D., F.R.I.C., F.I.F.S.T.

*Divisional Managers: Biology,* N. R. Jones, B.Sc., F.R.I.C. (Biochemistry and Flavours, Electron Microscopy, Fruit and Vegetables, Meat and Fish, Microbiology); *Technical,* W. E. Whitman, B.Sc., (Analytical Research, In-Line Process Control, Member Services Laboratory, Chocolate and Confectionery, Oils and Fats, Physics and Rheology. Processing, Productivity), *Gelatin and Training Div.,* A. Courts, D.Sc., Ph.D., F.R.I.C.

*Secretary & Administration:* F. M. Read.

*Membership Officer:* J. A. Henry.

**British Nutrition Foundation**
Alembic House, 93, Albert Embankment, London, SE1 7TY.
*Tel.* 01-735 8201

*President:* Sir Frank Young, F.R.S.

*Director-General:* Dorothy Hollingsworth, O.B.E. B.Sc., F.R.I.C., F.I.Biol., F.I.F.S.T., S.R.D.

*Secretary:* P. M. Victory, O.B.E., M.C.

**British Industrial Biological Research Association**
Woodmansterne Road, Carshalton, Surrey. *Tel.* 01-643 4411
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*Secretary:* M. D. Clarke, A.C.I.S., A.I.Arb.

**Campden Food Preservation Research Association**
Chipping Campden, Gloucestershire, GL55 6LD. *Tel. Evesham* 840319
*Director of Research:* H. R. Hinton, M.Sc., F.I.Biol.
*Secretary:* Nora Lawson, B.Com.

**East Malling Research Station**
(incorporating Ditton Laboratory)
East Malling, Maidstone, Kent, ME19 6BJ.
*Tel. West Malling* (0732) 843833
*Director:* Prof. A. F. Posnette, F.R.S
*Secretary:* R. L. Oxley.

**Flour Milling & Baking Research Association**
Chorleywood, Rickmansworth, Hertfordshire, WD3 5SH.
*Tel.* Chorleywood (STD 09278) 4111
*Director of Research:* C. T. Greenwood, D.Sc., F.R.S.E.
*Secretary:* Alan Clapp, B.Sc. (Econ.)
*Information Officer:* N. L. Kent, M.A., Ph.D.

**Food Research Institute**
Colney Lane, Norwich. NOR 70F. *Tel. Norwich* 56122
*Director:* S. R. Elsden, B.A., Ph.D.
*Secretary:* V. H. Standley.

**Hannah Research Institute**
Ayr, Scotland. *Tel. Prestwick* (0292) 77292
*Director:* Prof. J. A. F. Rook, Ph.D., D.Sc., F.I. Biol., F.R.I.C., F.R.S.E.
*Secretary:* Miss Margaret M. Hughes, M.B.E.

**Humber Laboratory**
Wassand Street, Kingston-upon-Hull, Yorks. *Tel. Hull* 27879
*Officer in Charge:* J. R. Burt, B.Sc., Ph.D., F.R.I.C., F.I.F.S.T.

**Meat Research Institute**
Langford, Bristol, BS18 7DY. *Tel. Churchill* 661
*Director:* Prof. J. R. Norris, B.Sc., Ph.D., F.I.Biol.

**National Institute for Research in Dairying**
Shinfield, Reading, RG2 9AT, Berks. *Tel. Reading* (0734) 883103
*Director:* Prof. Bernard G. F. Weitz, O.B.E., D.Sc., M.R.C.V.S.
*Secretary:* J. C. F. Coles.

**National Vegetable Research Station**
Wellesbourne, Warwick. *Tel. Stratford-upon-Avon* (0789) 840382
*Director:* Prof. D. W. Wright, M.A.
*Secretary:* G. Lesson, M.B.E., B.Sc.(Econ.), A.C.I.S.

**Pest Infestation Control Laboratory**

London Road, Slough, Berkshire. *Tel. Slough* 34626
*Director:* F. H. Jacob, M.Sc., F.I.Biol.
*Laboratory Secretary:* R. W. Seal.

**PIRA**

The Research Association for the Paper and Board, Printing and Packaging Industries.
Randalls Road, Leatherhead, Surrey, KT22 7RU.
*Tel. Leatherhead* 76161. *Telex* 929810
*Director of Research:* N. K. Bridge, B.Sc., Ph.D.
*Secretary :* K. N. Hoare, M.A.

**Torry Research Station**

135, Abbey Road, Aberdeen, AB9 8DG. *Tel.* 0224 54171
*Director:* G. H. O. Burgess, B.Sc., Ph.D., F.I.F.S.T., F.R.S.E.

**University of Bristol Long Ashton Research Station**

Long Ashton, Bristol, BS18 9AF. *Tel. Long Ashton* 2181
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*Cider & Fruit Juices Section:*
*Head of Section:* F. W. Beech, D.Sc., Ph.D., F.R.I.C., F.I.Biol.
*Secretary:* P. J. Lane, A.C.I.S.

# TRADE ASSOCIATIONS, Etc.

---

**Ministry of Agriculture, Fisheries & Food**
Whitehall Place, London, S.W.1. *Tel.* 01-839 7711

**Association of British Manufacturers of Milk Powder**
12th Floor, 20, Eastbourne Terrace, London, W.2. *Tel.* 01-262 6722
*Secretary:* P. Pegden Smith.

**Association of Public Analysts**
30, Russell Square, London, WC1B 5DT. *Tel.* 01-580 3482
*Hon. Secretary:* G. B. Thackray, B.Sc., M.Chem.A., F.R.I.C.

**Automatic Vending Association of Britain**
31, Great Queen Street, London, WC2B 5AA. *Tel.* 01-242 1446
*Director and Chief Executive:* W. E. D. Skinner, F.C.I.S.

**British Bacon Curers' Federation**
Icknield Way, Tring, Herts, HP23 4JY. *Tel. Tring* (044282) 4124
London Office: No. 1, London Bridge, London, SE1 9SZ.
*Tel.* 01-407 3068
*Chief Executive and Secretary:* K. T. J. Green, M.B.E.

**British Bottlers' Institute**
15, Newington Green, London, N16 9PU. *Tel.* 01-254 7266
*Secretary:* J. P. Barr.

**British Closure Manufacturers' Association**
15, Tooks Court, London, EC4A 1LA. *Tel.* 01-242 7161

**British Confectioners' Association**
Davis House, 69/77, High Street, Croydon, Surrey, CR9 1QH.
*Tel.* 01-688 7788
*Hon. Secretary:* J. D. Copeman.

**British Essence Manufacturers' Association**
69, Cannon Street, London, EC4N 5AB *Tel.* 01-248 4444
*Secretary:* F. T. Atkins.

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**British Food Export Council**
World Trade Centre, Europe House, East Smithfield, London, E1 9AA.
*Tel.* 01-480 6594
*Director General:* I. S. Harrison, C.B., M.B.I.M.
*Administrative Executive:* R. Woodruff, A.M.B.I.M.
*Marketing Executive:* P. C. Platten.

**British Frozen Food Federation**
Honeypot Lane, Colsterworth, Grantham, Lincolnshire, NG33 5LY.
*Tel.* 0476 84 414
*Secretary:* Patrick G. Howell.

**British Maize Starch and Glucose Manufacturers' Association**
4, Southampton Place, London, WC1A 2DA. *Tel.* 01-242 9737
*Secretary:* Bernard Wheeler, F.C.A.

**British Oatmeal Millers' Association**
7, Melville Crescent, Edinburgh, EH3 7NA. *Tel.* 031-225 2041
*Secretary:* J. Turnbull, D.S.O., D.F.C., C.A.

**British Peanut Council**
Suite 9, 104, Park Lane, London, W.1. *Tel.* 01-629 3981
*Secretary:* H. J. Oken.
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**British Pearl Barley Millers' Association**
7, Melville Crescent, Edinburgh, EH3 7NA. *Tel.* 031-225 2041
*Secretary:* J. Turnbull, D.S.O., D.F.C.. C.A.

**British Poultry Meat Association Ltd.**
High Holborn House, 52–54 High Holborn, London, W.C.1.
*Tel.* 01-242 4683/4
*Secretary:* R. W. Tym, B.Sc.
*Affiliated to F.M.F. Inc.*

**British Society of Flavourists**
c/o Polak's Frutal Works Ltd., P.O. Box 18, Greenford, Middx.
*Tel.* 01-997 1172

**British Soluble Coffee Manufacturers' Association**
1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-828 7822
*Affiliated to F.M.F. Inc.*

**British Standards Institution**
British Standards House, 2, Park Street, London, W1A 2BS.
*Tel.* 01-629 9000

**British Turkey Federation Ltd.**
The Bury, Church Street, Chesham, Bucks. *Tel. Chesham* 4128
*Secretary:* E. D. Magog.

**British Wheat Starch Association**
c/o Metson Cross & Co., 25, Savage Gardens, London, EC3N 2AR.
*Tel.* 01-828 1083
*Secretary:* G. A. Garnett, F.C.I.S.

**Butter Information Council**
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*General Secretary:* Miss Jayne Higgs

**Cake & Biscuit Alliance Ltd.**
Westmorland House, 127/131, Regent Street, London, W1R 7HA
*Tel.* 01-734 2843
*Secretary:* J. R. Nimmo, M.C.

**Canned & Packaged Foods Bureau**
37, Baker Street, London, W1A 1AN. *Tel.* 01-486 5577

**Cocoa, Chocolate & Confectionery Alliance**
11, Green Street, London, W1Y 3RF. *Tel.* 01-629 8971
*Director:* J. E. Chapman, O.B.E.

**Cookery and Food Association**
Swinton House, 324, Gray's Inn Road, *Tel.* 01-278 4083
London, WC1X 8DB.
*Secretary:* J. L. Shakeshaft.

**Eggs Authority**
Union House, Eridge Road, Tunbridge Wells, Kent, TN4 8HF.
*Tel. Tunbridge Wells* (0892) 33987

**English Country Cheese Council**
National Dairy Centre
5/7, John Princes Street, London, W1M 0AP. *Tel.* 01-499 7822

**English "Wiltshire" Bacon Curers' Association**
1, London Bridge, London, SE1 9SZ. *Tel.* 01-407 1093
*Secretary:* A. Chandler.

**Federation of Bakers**
20, Bedford Square, London, W.C.1. *Tel.* 01-580 4252

**Federation of Gelatine & Glue Manufacturers Ltd.**
Sardinia House, 52, Lincoln's Inn Fields, London, W.C.2.
*Tel.* 01-405 9292
*Secretary:* A. H. Leppard, A.C.A.
*Affiliated to F.M.F. Inc.*

**Fisheries Organisation Society Ltd.**
558, London Road, North Cheam, Sutton, Surrey. *Tel:* 01-664 4666
*General Secretary:* E. B. Hamley, C.St.J.

**Flour Advisory Bureau**
21, Arlington Street, London, SW1A 1RN. *Tel.* 01-493 2521
*Executive Director:* C. L. Copeland.

**Food and Drink Industries Council**
1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-834 7554
*Secretary General:* T. V. N. Fortescue.

**Food, Drink & Tobacco Industry Training Board**
Leon House, High Street, Croydon, CR9 3NT. *Tel.* 01-686 3444
*Director:* Philip H. Saxon.

**Food Machinery Association** (*See under Process Plant Association*)

**Food Manufacturers' Federation Incorporated**
1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-828 7822. *Telex:* 918095
*Director General:* F. J. Lawton, O.B.E.
*General Secretary:* J. P. Burney.

AFFILIATED ORGANISATIONS
(For address see under individual entries)

British Peanut Council
British Poultry Meat Association
British Soluble Coffee Manufacturers' Association
Federation of Gelatine & Glue Manufacturers Ltd.
Food Manufacturers' Industrial Group
Fruit & Vegetable Canners' Association of Great Britain
Ice Cream Federation Ltd.
Lard Association
Margarine & Shortening Manufacturers' Association
Meat Manufacturers' Association
National Association of British and Irish Millers
National Edible Oil Distributors' Federation Ltd.
Pet Food Manufacturers' Association
Seed Crushers' and Oil Processors' Association
Self-Raising Flour Association
Tea Buyers' Association
U.K. Association of Frozen Food Producers
U.K. Association of Manufacturers of Bakers' Yeast
Vinegar Brewers' Federation

**Fruit & Vegetable Canners' Association of Great Britain**
1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-828 7822
*Affiliated to F.M.F. Inc.*

**Glass Manufacturers' Federation**
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*Telex:* 27470

*Director:* O. C. T. R. Normandale.

**Government Chemist, Laboratory of**
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*Government Chemist:* Prof. H. Egan, B.Sc., PH.D., D.I.C., F.R.I.C.

**Highlands and Islands Development Board**
Bridge House, 27, Bank Street, Inverness, IV1 1QR. *Tel.* 0463 34171

**Honey Importers' & Packers' Association**
c/o, Overseas Farmers Co-operative Federations Ltd., Durrant House,
8/13 Chiswell Street, London, EC1Y 4UN. *Tel.* 01-628 4422
*Telex:* 884062/3

*Hon. Secretary:* L. H. E. Bridge.

**Ice Cream Alliance**
90/94, Gray's Inn Road, London, WC1X 8AH. *Tel.* 01-405 0712
*General Secretary:* R. L. Robinson.

**Ice Cream Federation Ltd.**
1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-828 7822

*Affiliated to F.M.F. Inc.*

**Institute of British Bakers Ltd.**
*Registered Office:* P.O. Box 109, Davis House, 69–77, High Street,
Croydon, Surrey, CR9 1QH. *Tel.* 01-688 7788
*General Secretary:* E. G. Taylor, F.Inst. B.B.

**Institute of Food Science and Technology of the U.K.**
3A, Hoskins Road, Oxted, Surrey. *Tel. Oxted* 3699
*Hon. Secretary:* J. R. Blanchfield, B.Sc., A.R.C.S., F.R.I.C., F.I.F.S.T., M.R.I.P.H.H.

**Institute of Grocery Distribution**
Grange Lane, Letchmore Heath, Watford, WD2 8DQ.
*Tel. Radlett* 7141

**Institute of Marketing**
Moor Hall, Cookham, Berks., SL6 9QH. *Tel.* 062 85 24922
*Director General:* Peter B. Blood, F.Inst.M.
*Secretary:* W. E. Hinder, F.C.I.S., M.B.I.M.

**Institute of Meat**
Boundary House, 91/93, Charterhouse Street, London, EC1M 6HR.
*Tel.* 01-253 7527

*Secretary:* A. V. Pettit.

**Institute of Packaging**

Fountain House, 1A, Elm Park, Church Road, Stanmore, Middx., HA7 4BZ.
*Tel.* 01-954 6277

*Chief Executive:* Maurice W. Paynter, F.C.C.S.

**Institute of Refrigeration**

272, London Road, Wallington, Surrey, SM6 7DJ. *Tel.* 01-647 7033
*Secretary :* D. T. Lee.

**International Association of Seed Crushers**

1, Watergate, London, E.C.4. *Tel.* 01-353 7474
*Secretary:* H. D. Howard.

**Lard Association**

1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-828 7822

*Affiliated to F.M.F. Inc.*

**Margarine & Shortening Manufacturers' Association**

1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-828 7822

*Affiliated to F.M.F. Inc.*

**Meat and Livestock Commission**

P.O. Box 44, Queensway House, Bletchley, Milton Keynes, Bucks., MK2 2EF. *Tel. Milton Keynes* (0908) 74941

*Director General:* D. G. Hadow.
*Deputy Director General:* R. A. Mackness.

**Meat Manufacturers' Association**

1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN
*Tel.* 01-828 0941

*Executive Vice-Chairman:* J. Locke.
*Secretary:* S. Findlay.
*Affiliated to F.M.F. Inc.*

**Milk Marketing Board**

Thames Ditton, Surrey, KT7 0EL. *Tel.* 01-398 4101

**National Association of British & Irish Millers Ltd.**

21, Arlington Street, London, SW1A 1RN. *Tel.* 01-493 2521
*Director:* C. L. Copeland.
*Secretary:* E. J. T. Hurle.
*Affiliated to F.M.F. Inc.*

**National Association of Creamery Proprietors & Wholesale Dairymen (Incorporated)**

12th Floor, 20, Eastbourne Terrace, London, W.2. *Tel.* 01-262 6722
*Secretary:* P. Pegden Smith.

**National Association of Master Bakers, Confectioners & Caterers**
Queen's House, Holly Road, Twickenham, Middlesex. *Tel.* 01-892 9136
*Director:* M. F. Zimmerman, F.C.I.S., F.I.A.C.

**National Association of Soft Drinks Manufacturers Ltd.**
The Gatehouse, 2, Holly Road, Twickenham, TW1 4EF.
*Tel.* 01-892 8082
*Director General:* Kenneth Penn, M.B.E.
*Secretary:* Colin Emmins, M.A.

**National Council for Baking Education**
20, Bedford Square, London, W.C.1. *Tel.* 01-580 4252
*Secretary:* M. B. Elmsley.

**National Dairy Council**
National Dairy Centre,
5/7, John Princes Street, London, W1M 0AP. *Tel.* 01-499 7822

**National Dairymen's Association Inc.**
20, Eastbourne Terrace, Paddington, W2 6LE. *Tel.* 01-262 6722
*Secretary:* R. H. Blackman, F.C.I.S., A.M.B.I.M.

**National Dried Fruit Trade Association**
19, Eastcheap, London, E.C.3. *Tel.* 01-626 2267
*Hon. Secretary:* D. J. Hembry.

**National Edible Oil Distributors' Federation Ltd.**
1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-828 7822
*Affiliated to F.M.F. Inc.*

**National Egg Packers' Association Ltd.**
Dominion House, 37/45, Tooley Street, London, SE1 2FQ.
*Tel.* 01-407 0738
*Secretary:* N. V. Degville, M.B.E.

**National Federation of Fishmongers (Including Poultry, Game & Rabbit Traders) Ltd.**
Sherwood House, Matlock, Derbyshire. *Tel.* 0629 3980
*Secretary:* J. A. Claypole.

**National Federation of Fruit and Potato Trades Ltd.**
Russell Chambers, Covent Garden, London, WC2E 8AD.
*Tel.* 01-836 0038
*Chief Executive:* D. P. Mead.
*Secretary:* E. J. Leaver.

**National Federation of Meat Traders' Associations (Incorporated)**
29, Linkfield Lane, Redhill, Surrey, RH1 1JQ. *Tel. Redhill* 66411
*General Secretary:* J. E. Fuller.

**National Federation of Wholesale Grocers & Provision Merchants**
18, Fleet Street, London, EC4Y 1AS. *Tel.* 01-353 8894
*Secretary:* D. Ellam, F.C.A.

**National Federation of Wholesale Poultry Merchants**
Penpont House, Thornhill, Dumfriesshire, Scotland, DG3 4BZ.
*Tel. Thornhill* 495
*Secretary:* R. M. Freer.

**National Food and Drink Federation**
24A, High Street, Camberley, Surrey, GU15 3RZ. *Tel. Camberley* 26231
*Chief Executive:* L. E. Reeves-Smith, F.C.I.S., F.C.C.S., F.R.S.A., M.B.I.M., M.I.G.D., A.I.S.A.A., M.I.P.R., J.P.

**National Milk Publicity Council Inc.**
National Dairy Centre,
5/7 John Princes Street, London, W1M 0AP *Tel.* 01-499 7822

**Packaging and Industrial Films Association**
P.O. Box 121, 301, Glossop Road, Sheffield, S10 2HN.
*Tel. Sheffield* 21071

**Pasta Information Centre**
1, Bloomsbury Street, London, WC1B 3QG. *Tel.* 01-636 4622

**Pet Food Manufacturers' Association**
1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-828 7822
*Affiliated to F.M.F. Inc.*

**Process Plant Association**
197, Knightsbridge, London, SW7 1RS. *Tel.* 01-581 2621
*Director:* Cdr. J. A. Hamer, C.V.O., O.B.E., D.S.C., R.N.

**Retail Fruit Trade Federation Ltd.**
8/15, Russell Chambers, Covent Garden, London, W.C.2.
*Tel.* 01-836 4137
*National Secretary:* T. D. Matkin, O.B.E.

**Royal Institute of Chemistry**
30, Russell Square, London, WC1B 5DT. *Tel.* 01-580 3482
*Secretary and Registrar:* R. E. Parker, B.Sc., Ph.D., F.R.I.C.

**Royal Society of Health**
13, Grosvenor Place, London, SW1W 7EN. *Tel.* 01-235 9961
*Secretary:* D. S. Wilson.

**Royal Warrant Holders' Association**
7, Buckingham Gate, London, SW1E 6JY. *Tel.* 01-828 2268
*Secretary:* Lt.-Col. W. Keown-Boyd, O.B.E.

**Scottish Association of Master Bakers**
19, Atholl Crescent, Edinburgh, EH3 8HJ. *Tel.* 031-229 1401
*Director:* H. J. Dandie, F.C.I.S.

**Scottish Association of Sausage & Cooked Meat Manufacturers**
65, Renfield Street, Glasgow, G2 1NS. *Tel.* 041-331 1501

**Scottish Association of Soft Drinks Manufacturers**
5, St. Colme Street, Edinburgh, EH3 6AE. *Tel.* 031-225 5622
*Secretary:* Neil A. Milne, W.S.

**Scottish Federation of Grocers' & Provision Merchants' Associations**
29, Alva Street, Edinburgh, EH2 4PS. *Tel.* 031-225 3214
*Secretary:* A. F. Alexander, M.B.E., F.C.I.S., F.C.C.A.,

**Seed Crushers and Oil Processors Association**
1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-828 7822
*Affiliated to F.M.F. Inc.*

**Self-Raising Flour Association**
1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-828 7822
*Affiliated to F.M.F. Inc.*

**Society of Chemical Industry**
14, Belgrave Square, London, SW1X 8PS. *Tel.* 01-235 3681

**Society of Dairy Technology**
172A, Ealing Road, Wembley, Middx., HA0 4QD. *Tel.* 01-902 4464
*General Secretary:* S. W. Stilton.

**Tea Buyers' Association**
69–75, Cannon Street, London, EC4N 5AB. *Tel.* 01-248 7529
*Secretary:* C. S. Algar.
*Affiliated to F.M.F. Inc.*

**Tin Research Institute**
Fraser Road, Perivale, Greenford, Middx., UB6 7AQ. *Tel.* 01-997 4254
*Director:* W. E. Hoare, D.Sc., B.Sc. (Met.), F.I.M.

**U.K. Association of Frozen Food Producers**
1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-828 7822
*Affiliated to F.M.F. Inc.*

**U.K. Association of Manufacturers of Bakers' Yeast**
1/2, Castle Lane, Buckingham Gate, London, SW1E 6DN.
*Tel.* 01-828 7822
*Affiliated to F.M.F. Inc.*

**United Kingdom Dairy Association**
Giggs Hill Green, Thames Ditton, Surrey, KT7 0EL. *Tel.* 01-398 4101
*Secretary:* R. D. Lemmer.

**Vinegar Brewers' Federation**
24/28, Moorgate, London, EC2R 6EA. *Tel.* 01-638 3644
*Secretary:* M. C. Ainley, F.C.A.
*Affiliated to F.M.F. Inc.*

**White Fish Authority**
Sea Fisheries House, 10, Young Street, Edinburgh, EH2 4JQ.
*Tel.* 031-225 2515
*Chairman and Chief Executive:* C. I. Meek, C.M.G.

**Wholesale Confectioners' Alliance Ltd.**
15, Tooks Court, London, EC4A 1LA. *Tel.* 01-242 7161
*Secretary:* H. Basil Sheasby, O.B.E., F.C.A.

# EDUCATION

## *UNIVERSITY AND POLYTECHNIC COURSES IN FOOD SCIENCE*

**Grimsby College of Technology**

Nuns Corner, Grimsby, Lincs., DN34 5BQ.
*Tel. Grimsby* (0472) 79292

*Principal:* E. B. Green, B.Sc., F.R.I.C.
*Head of Science Dept.:* W. R. B. Arthur, B.Sc., Ph.D., F.R.I.C.

Courses of general degree level in food science and food technology. H.N.D. Food Technology (options in Fish, Meat and Poultry Technology; Fruit and Vegetable Technology and Quality Control Technology). H.N.D. Applied Chemistry (Food Science). O.N.D. in Food Technology. Short Courses (1 week) in: Freezing; Heat Processing; Acceptance Sampling; Hygiene.

**National College of Food Technology**

University of Reading, St. George's Avenue, Weybridge, Surrey, KT13 0DE.
*Tel. Weybridge* 43991

*Principal:* Prof. E. J. Rolfe, B.Sc., M.Chem.A., F.R.I.C., F.I.F.S.T.
*Secretary:* H. Vizard Robinson, A.C.I.S.

The College offers postgraduate courses leading to M.Sc., M.Phil., and Ph.D. degrees and B.Sc., Honours Degree courses in food technology and in biochemical engineering.

**Polytechnic of the South Bank**

Department of Applied Biology and Food Science, Borough Road, London, SE1 0AA.
*Tel.* 01-928 8989

The Department offers postgraduate research leading to the M.Phil. or Ph.D. of the Council of National Academic Awards, a four-year sandwich course leading to the Honours or B.Sc. degree (C.N.A.A.) in Food Science and two-year full-time courses leading to the H.N.D. in Food Technology or the H.N.D. in Applied biology (including Food Subjects), together with a variety of related part-time courses (including H.N.C. in Chemistry: Supplementary in Food Subjects: Post-Graduate Course in the Analysis of Food, Drugs and Water).

**Queen Elizabeth College**

University of London, Campden Hill Road, London, W8 7AH.
*Tel.* 01-937 5411

Food Science Section (Department of Food Science and Nutrition)

*Head of Section and Reader in Food Science:* I. D. Morton, M.Sc., Ph.D., F.R.I.C., F.N.Z.I.C., F.I.F.S.T.

3 year Honours Course leading to B.Sc. degree in Food Science with either Chemistry or Physiology. In addition 3 year Honours Course for B.Sc. degree in Food and Management Science.

Postgraduate Diploma in Home Economics related to Community Development. 1 year course for M.Sc. in Food and Management Science. Facilities for Research Degrees (M.Phil., Ph.D.).

**University of Leeds Procter Department of Food & Leather Science**

Leeds, LS2 9JT. *Tel. Leeds* 31751

*Professor of Food Science & Head of Department.*

David S. Robinson, Ph.D.

3 year course for B.Sc. (Ordinary) in Food Science. 4 year course for B.Sc. (Hons.). 3 and 4 year courses for B.Sc. (Hons.) in Biochemistry and Food Science, in Food Science and Microbiology, and in Physiology and Food Science.

Postgraduate diploma in Food Science. 1 year course for M.Sc. in Food Science. 1 year course for M.Sc. in Food Engineering. Courses for research degrees (M.Phil., Ph.D.).

**University of Nottingham**

Food Science Section (Department of Applied Biochemistry & Nutrition)
Sutton Bonington, Loughborough, Leicestershire. *Tel. Kegworth* 2386

*Head of Section:* Prof. R. A. Lawrie, Ph.D., D.Sc., F.R.I.C., F.R.S.E., F.I.F.S.T.

3 year post intermediate course in Food Science for B.Sc. Honours.

Postgraduate course leading to M.Sc.; M.Phil. and Ph.D. by research.

**University of Reading**

Department of Food Science, The University, London Road, Reading, Berkshire, RG1 5AQ. *Tel. Reading* 85234

*Head of Department:* Prof. Francis Aylward, Ph.D., D.Sc., F.R.I.C.

3 or 4 year course for B.Sc. Hons. in Food Science.

1 or 2 year taught course for M.Sc. in Food Science general, or with special reference to: Dairy Science; Public Health (Nutrition and Toxicology); Food and Drug Analysis. 2 year course for M.Phil. by research, 3 year course for Ph.D. by research.

**University of Strathclyde**

Department of Food Science and Nutrition, 131, Albion Street, Glasgow,
G1 1SD. *Tel.* 041-552 2071

*Head of Department:* Professor J. Hawthorn, B.Sc., Ph.D., A.R.C.S.T., F.R.I.C., F.I.F.S.T., F.I.Biol. F.R.S.E.

3/4 year course for B.Sc. Hons. in Food Science.

Postgraduate courses of one, two, and three years duration for the degrees of M.Sc. and Ph.D.

## *OTHER COLLEGES AND SCHOOLS WITH FULL-TIME SPECIALISED COURSES IN FOOD TECHNOLOGY*

**Barking College of Technology** (*B*)*

Dagenham Road, Romford, Essex, RM7 0XU. *Tel. Romford* 66841

*Principal:* J. Church, M.A.(Cantab.), A.F.Inst.Pet., A.M.B.I.M.

*Head of Bakery and Food Subjects Department:* P. R. Whiteley, Dip.F.E., F.Inst.B.B.

*Also Food Hygiene Certificate and Diploma courses run by the Royal Institute of Public Health and Hygiene.

**Birmingham College of Food and Domestic Arts** (*A*) (*B*)

Summer Row, Birmingham, B3 1JB. *Tel.* 021-235 4071

*Principal:* R. J. Newcombe, M.Sc., A.Inst.P., F.R.I.C., A.I.F.S.T.

*Head of Department:* A. G. Cameron, B.Sc., F.R.I.C., F.I.F.S.T.

**Blackpool College of Technology and Art** (*A*) (*B*) (*D*)

Palatine Road, Blackpool, Lancashire, FY1 4DW. *Tel. Blackpool* 29071

*Principal:* David G. Mitchell, M.A.

*Principal Lecturer in Food Technology:* H. R. Lovell, M.Sc., F.I.F.S.T., M.I.Biol. N.D.D.T.

**Bolton Technical College** (*A*) (*B*) (*D*)

Department of Food Technology,
Manchester Road, Bolton, Lancashire. *Tel. Bolton* 31411

*Principal:* A. G. Peace, B.Sc., Ph.D., A.M.I.E.E., F.Inst.P.

*Head of Department:* J. Parlane, M.H.C.I.M.A.

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(*A*) = Food Technology
(*B*) = Baking
(*C*) = Cocoa, Chocolate & Sugar Confectionery
(*D*) = Meat

**Cambridgeshire College of Arts & Technology** (*B*)
Collier Road, Cambridge, CB1 2AJ. *Tel.* 0223 63271
*Lecturer in Charge:* I. Roseman, Nat. Dip. in Bakery, F.Inst.B.B., T.T.C.

**Cardiff College of Food Technology and Commerce** (*A*) (*B*)
Colchester Avenue, Cardiff, Glamorgan, Wales, CF3 7X3.
*Tel.* 0222 22121
*Principal:* L. O. Smith, Nat. Dip., F.Inst.B.B., F.C.F.A.

**Colquitt Technical College** (*A*) (*B*) (*D*)
Colquitt Street, Liverpool, L1 4DB. *Tel.* 051-709 0541
*Principal:* G. H. Torrero, F.H.C.I.M.A.

**Glasgow College of Food Technology** (*A*)
230, Cathedral Street, Glasgow, G1 2TG. *Tel.* 041-552 3751
*Principal:* Dr. W. R. Bannatyne.
*Head of Food Technology:* A. J. Benns.

**Kingsway Technical College** (*A*) (*B*)
Old Glamis Road, Dundee, DD3 8LE. *Tel.* 0382 89366
*Principal:* James A. Anderson, B.Sc.

**Manchester Hollings College** (*A*) (*B*) (*D*)
Wilmslow Road, Manchester, M14 6HR. *Tel.* 061-224 7341
*Principal:* R. M. Wall, B.Sc., A.R.I.C., M.R.S.H.
*Head of Department:* B. R. Smith, F.Inst.B.B., M.R.S.H.
*Senior Science Tutor:* D. G. Roberts, Ph.D., B.Sc., A.I.F.S.T.

**North Gloucestershire College of Technology** (*A*) (*B*) (*D*)
The Park, Cheltenham, Gloucestershire.
*Tel. Cheltenham* 28021
*Principal:* A. N. Barber, B.Sc., (Hons.), D.I.C., C.Eng., M.I.Mech.E., A.F.R.Ae.S.
*Head of Department:* A. M. S. Evans, F.I.B.B., M.H.C.I.M.A., A.R.S.H.

**Plymouth College of Further Education** (*B*)
Kings Road, Devonport, Plymouth, PL1 5QE. *Tel. Plymouth* 53711
*Principal:* W. B. Foster, B.Sc., F.R.I.C., A.M.B.I.M.

**Salford College of Technology** (*A*) (*B*) (*C*) (*D*)
School of Food Technology, Frederick Road, Salford 6, Lancashire, M6 6PU. *Tel.* 061-736 6541
*Principal:* F. Wood, M.A., LL.B., A.I.B., A.M.B.I.M., F.R.S.A.
*Head of School of Food Technology:* H. Butler, F.I.B.B., L.M.R.S.H., L.I.F.S.T., C. & G., Full Tech. Certs.

**Somerset College of Agriculture and Horticulture** (*A*)
Cannington, Bridgwater, Somerset, TA5 2LS.
*Tel. Combwich* (0278-65) 226
*Principal:* P. H. Keen, D.F.C., B.Sc.
*Head of Department:* B. A. Galloway, N.D.A., N.D.D.

**Southampton Technical College** (*B*)
St. Mary Street, Southampton, SO9 4WX. *Tel. Southampton* 26181
*Principal:* B. R. Field, C.Eng., F.I.Mech.E., F.C.P.
*Head of Department:* E. G. Barnes, F.I.B.B.

**The Technical College** (*A*) (*B*)
Mold Road, Wrexham, Clwyd, LL11 2AW. *Tel. Wrexham* 3551
*Principal:* Harold W. Green, Ph.D., F.I. Mech.E.

**Thomas Danby College** (*A*) (*B*) (*D*)
Czar Street, Holbeck, Leeds, LS11 9PR. *Tel. Leeds* 22401
*Principal:* B. J. Boffey, B.Sc., Ph.D., F.R.I.C., A.I.F.S.T.

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(*A*) = Food Technology
(*B*) = Baking
(*C*) = Cocoa, Chocolate & Sugar Confectionery
(*D*) = Meat

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# FOOD PROCESSORS

**NOTE: This section is restricted to firms processing in Great Britain and Northern Ireland**

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## A. & B. C. CHEWING GUM LTD.

Spilsby Road, Harold Hill, Romford, Essex, RM3 8UX.
*T.A.:* "Abecegum Romford"
*Tel. Ingrebourne* 41091

*Chairman and Managing Director:* D. A. Coakley. *Directors:* A. F. Coakley (*and Secretary*). *Production Manager:* S. C. Kent. *Sales Manager:* P. J. Keane. *Engineer:* N. C. Ford. *Buyer:* E. J. Kenny.

LICENSEE OF: *Topps Chewing Gum Inc.* (*U.S.A.*).

BRAND NAME: *Bazooka.*

PRODUCT: *Bubble Gum.*

## ACKERMAN'S BAKERIES (BROMLEY) LTD.

Saville Bakery, Croydon Road, Beckenham, Kent. *Tel.* 01-650 8111

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## ADAMS FOODS LTD.

Springfield Road, Leek, Staffordshire. *T.A.:* "Adbut Leek Telex"
*Telex:* 36134. *Tel. Leek* 5141

OTHER FACTORY: *Sewardstone Road, Waltham Abbey, Essex. Tel. Waltham Cross* 21321.

*Chairman:* J. H. Adams. *Managing Director:* B. A. Joyce. *Vice Chairman:* J. C. McGough. *Deputy Managing Director:* A. Boardman. *Financial Director:* K. Ahmed. *Sales Director:* K. F. Harrison. *Marketing Director:* J. Lane. *Distribution Director:* M. Wood. *Director:* A. Brockwicz-Lewinski.

SUBSIDIARY COMPANIES: *R. & W. Davidson Ltd., Elkes Biscuits Ltd., Lloyd's Dairies Ltd.*

BRAND NAMES: *Adams Best, Golden Choice, Golden Galleon, Silver Bounty Sunnyhills, Two Islands.*

PRODUCTS: *Butter, Cheese, Cheese* (*processed*), *Cheese spread.*

## ADAMS, GEO., & SONS (RUSKINGTON) LTD.

Ruskington, Sleaford, Lincs., NG34 9BL. *Tel. Ruskington* 216

*Directors:* G. C. Adams, J. N. Adams, J. S. Berry. *Secretary:* A. P. Brighton. *Production Manager:* G. Mitchell. *Sales Marketing Manager:* A. G. Smith. *Engineer:* A. Veal.

PARENT COMPANY: *Geo. Adams & Sons Ltd.*

PRODUCTS: *Bacon, Ham, Meat Pies, Meat Products* (*open pack*), *Meat Products* (*quick frozen*), *Sausages.*

## ADKINS, W. J. (CAMBRIDGE), LTD.

Church End, Cherry Hinton, Cambridge, CB1 3LD. *Tel.* 0223-44141

*Chairman and Managing Director:* H. D. Ridgeon. *Directors:* F. Ridgeon, J. Chaplin, Mrs. C. Winfield. *Secretary:* Mrs. C. Winfield. *Technical Director:* T. Toomey. *Sales Marketing Director:* J. A. N. Gardener. *Factory Manager:* R. Fife. *Engineer:* B. Hewitt.

ASSOCIATED COMPANY: *Abington Farms Ltd.*

BRAND NAME: *Daisy Meadow.*

PRODUCTS: *Bacon, Dripping, Ham, Lard, Meat (Quick Frozen), Meat Pies, Meat Products (Open Pack), Meat Products (Quick Frozen), Pastry (Puff) Pastry (Short), Poultry (Quick Frozen), Prepared Meals (Quick Frozen), Sausages, Sausages (Quick Frozen).*

## AERATED BREAD CO. LTD.

17/21, Camden Road, London, NW1 9LJ. *Tel.* 01-485 5678

*Chairman:* G. H. Weston. *Managing Director:* A. O. McGhee. *Directors:* W. Garfield Weston, A. W. Muir. *Secretary:* F. G. Stevens.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

BRAND NAMES: *A.B.C., Sunblest.*

PRODUCTS: *Bread, Cakes, Christmas Pudding, Meat Pies, Sausages.*

## AINSWORTH & BURGESS LTD.

The Forstal, Lenham Heath, Maidstone, Kent. *Tel. Lenham* 343

*Directors:* F. S. Burgess, D. M. Burgess. *Secretary:* J. S. R. Burgess.

ASSOCIATED COMPANIES: *Surrey Frozen Foods Ltd., Stocks (Fruit Preserves) Ltd.*

BRAND NAME: *Pintail.*

PRODUCTS: *Quick Frozen Fruits, Quick Frozen Vegetables.*

## AIREDALE CONFECTIONERY LTD. (HARLOWS MINTOES)

Sheaf Works, 249, Whitehall Road, Leeds, LS12 6ES. *Tel. Leeds* 637492

*Managing Director:* N. Heap. *Director and Secretary:* D. Heap. *Sales Marketing Manager:* M. Steward.

PRODUCT: *Sweets (General).*

## ALBANY CONFECTIONERY CO. LTD.

Roger Street, Heaton, Newcastle upon Tyne, 6. *Tel. Newcastle upon Tyne* 656584

*Chairman and Managing Director:* H. Fewster. *Directors:* F. S. Young, J. F. Fewster, Miss M. B. Armstrong. *Secretary:* J. Fewster. *Factory Manager:* T. Ronaldson. *Sales Manager:* J. Fewster. *Buyer:* H. Fewster.

BRAND NAME: *Albany.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (Toffees).*

## ALBANY MEAT PRODUCTS LTD.

Billacombe Road, Plymstock, Plymouth, Devon. *T.A.*. "Albany Plymouth"
*Tel. Plymouth* 42552
*Telex:* 45545

FACTORY: Lapford Creamery, Bridge Road, Lapford, N. Devon. *Tel.* Lapford 221

*Chairman:* A. F. F. Williamson. *Managing Director:* W. A. Taylor. *Secretary:* D. I. Searle. *Production Manager:* J. Elford. *Factory Manager:* M. Bradford. *Sales Manager:* W. A. Taylor. *Buyer:* K. W. Clayton.

ASSOCIATED COMPANY: *Al-Mar Meat Products Ltd.*

BRAND NAMES: *Albany, Channel Maid, Drake, Island Rose, Nutrameat, Kandox, Plymouth Rock, Sound.*

PRODUCTS: *Meat Products (Canned), Meat Products (In glass), Meat Products (Open pack).*

## ALLIED BAKERIES LTD.

19/25, Argyll Street, London, W1V 2AP. *Tel.* 01-437 5644

*Executive Chairman:* P. N. Davies. *Directors:* G. H. Weston, J. H. Scott, F. P. Acres, F. G. Jennings, J. U. Scott, G. E. G. Springall.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

BRAND NAMES: *Sunblest, VitBe, Tiger.*

PRODUCTS: *Bread, Cakes.*

## ALLIED BAKERIES (MIDLANDS) LTD.

Birmingham Road, West Bromwich, West Midlands, B71 4JH. *Tel.* 021-553 2988

OTHER BAKERIES: *Stafford Street, Wednesbury, Staffs. Tel.* 021-556 0985. *Western Road, Hednesford, Staffs., WS12 4AT. Tel. Hednesford* 2381. *Maudslay Road, Coventry, Warwicks., CV5 8EH. Tel. Coventry* 73351. *Sunblest Bakery, Hucknall Road, Nottingham, NG5 1FF. Tel. Nottingham* 66691. *Sunblest Bakery, Deacon Road, Lincoln. Tel. Lincoln* 28334. *Tuffley Lane Bakery, Gloucester, GS2 6DS. Tel. Gloucester* 27261.

*Directors:* R. M. Dick, A. F. Sutton, S. G. Hickinbottom, S. N. T. Mason, M. J. Hickinbottom, A. E. Gilmour.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

BRAND NAME: *Sunblest.*

PRODUCTS: *Bread, Cakes.*

## ALLIED BAKERIES (N.I.) LTD.

43-79, Dunraven Avenue, Belfast. *Tel. Belfast* 57271

OTHER BAKERIES: 64/66, *Orby Road, Belfast, BT5 5HR. Tel. Belfast* 51374. 2, *Wheatsheaf Road, Coleraine, Co. Derry. Tel. Coleraine* 4326.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## ALLIED MILLS HOLDINGS LTD.

52, Mark Lane, London, EC3R 7PE. *Tel.* 01-481 8034

*Chairman:* L. D. Goldsmith. *Managing Director:* P. L. Donovan. *Directors:* G. H. Weston, R. Sugden, J. N. Pomfret, R. R. Hiles, P. A. Wilks. *Secretary:* J. K. D. Blair.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

BRAND NAMES: *Crown Flour, Excel Flour, Eagle Flour.*

PRODUCTS: *Flour, Flour (Self-Raising).*

## ALLINSON LTD.

Seymour House, South Street, Godalming, Surrey. *Tel. Godalming* 4161

*Chairman:* J. N. Murphy. *Managing Director:* J. F. Burgess. *Directors:* F. E. Lewington, F. E. Harris, M. St. A. Hartley, M. Hanssen, D. Stewart, G. Wilkinson (*Secretary*). *Technical Manager:* H. Roberts. *Production Manager:* L. Hardy. *Sales Marketing Manager:* M. V. Goodwin.

PARENT COMPANY: *Booker McConnell Ltd.*

SUBSIDIARY COMPANY: *London Dietary Foods Co. Ltd.*

BRAND NAMES: *Allinson Wholewheat Bread and Flour, Slim Easy Rolls, Windmill Oatflakes.*

PRODUCTS: *Flour, Yeast (dried).*

## ALMOND'S BAKERIES LTD.

Gain Lane, Thornbury, Bradford, 3, Yorks. *Tel. Bradford* 665211

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## ANDERSON & WOODTHORPE LTD.

130, Holyhead Road, Handsworth, Birmingham, 21. *Tel.* 021-554 4674

*Chairman and Managing Director:* J. Anderson. *Directors:* J. Anderson, G. G. Howe. *Secretary:* G. G. Howe. *Production and Sales Manager:* G. G. Howe. *Buyer:* G. G. Howe.

BRAND NAME: *Daisy.*

PRODUCT: *Chocolates.*

## ANGLIA CANNERS LTD.

Estuary Road, King's Lynn, Norfolk. *Tel. Kings Lynn* 2648
*Telex:* 81116

OTHER FACTORY: *Riverside Works, Penketh, Warrington. Tel. Penketh* 2577.

*Managing Director:* H. Shepherd. *Directors:* D. M. Sanderson, T. G. Hardwick, K. R. Jamieson.

PARENT COMPANY: *Food Securities Ltd.* (*Weston Group*).

ASSOCIATED COMPANIES: *Anglia Canners* (*Brechin*) *Ltd., Anglia Canners* (*Wetherby*) *Ltd., Anglia Frozen Foods Ltd.*

BRAND NAMES: *Royal Norfolk, Golden Harvest, Prize Crop.*

PRODUCTS: *Baked beans* (*Canned*), *Fruit* (*Canned*), *Meat Products* (*Canned*), *Pickles, Soup* (*Canned*), *Vegetables* (*Canned*).

## ANGLIA CANNERS (WETHERBY) LTD.

Sandbeck Lane, Wetherby, Yorks., LS22 4DP. *T.A.:* "Jonwil, Wetherby."
*Telex:* 557592. *Tel. Wetherby* 2741

*Directors:* D. M. Sanderson, T. G. Hardwick, D. J. Bradbury, C. J. Willsher, H. Shepherd, R. C. Taylor. *General Manager:* J. Keenan. *Engineer:* C. Dale.

PARENT COMPANY: *Food Securities Ltd.*

ASSOCIATED COMPANY: *Anglia Canners Ltd.*

BRAND NAMES: *John Wilson, Friar Tuck, Dairy Farm.*

PRODUCT: *Meats* (*Canned*).

## ANSTEAD, D. F. LTD.

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*T.A.:* "Antschem Billericay". *Telex:* 99410.
*Tel. Billericay* (02774) 53131.

*Directors:* G. A. Allman, D. F. Anstead, B. E. Edwards, A. E. Anstead.

PRODUCTS: *Essences, Colourings and Flavours.*

## APPLEFORD LTD.

Poyle Close, Poyle Road, Colnbrook, Bucks.
*T.A.:* " Delicia Colnbrook Bucks."
*Tel. Colnbrook* 2331

*Chairman:* F. E. Showering. *Managing Director:* F. C. Roberts. *Directors:* F. R. Sheffield, N. R. Kirby, K. S. Showering. *Secretary:* E. W. Seabright, F.C.I.S.

PARENT COMPANY: *Vine Products Ltd. (Showerings Group).*

SUBSIDIARY COMPANIES: *Eustace Miles Foods Co. Ltd., Hanworth Food Products Ltd.*

BRAND NAMES: *Delicia, Dietade, E.M. Foods, Applefords.*

PRODUCTS: *Diabetic Food, Dietetic Food, Fruit (Canned), Gravies, Infant and Invalid Foods, Meat Products (Canned), Nut Foods, Preserves, Salad Cream, Sauces, Soups (Packeted), Vegetables (Canned), Vinegar (Apple), Vinegar (Cider).*

## ASHFORD CREAMERIES (WORCESTERSHIRE) LTD.

P.O. Box 2, Bowling Green Road, Stourbridge, Worcestershire, DY8 3SR.
*Tel. Stourbridge* (03843) 4747

*Chairman:* H. R. Ashford. *Directors:* B. C. Ashford, E. M. Ashford, H. R. Ashford, P. R. Ashford (Sales), J. W. Jackson, P. F. Burgess. *Secretary:* A. B. Ashford. *Joint Production Managers:* J. Grego and R. Griffiths. *Sales Manager:* J. G. Payne. *Engineer:* P. F. Burgess. *Chemist:* Mrs. B. Grego. *Buyer:* J. W. Jackson.

PARENT COMPANY: *Fiesta Foods Ltd.*

SUBSIDIARY COMPANY: *Carnival Soft Serve Ltd.*

BRAND NAME: *Fiesta.*

PRODUCTS: *Butter, Ice Cream, Quick Frozen Cream.*

## ASKEYS LTD.,

Stocklake, Aylesbury, Bucks., HP20 1DS. *Tel. Aylesbury* 3381
*T.A.: "Askeys Aylesbury". Telex:* 83660

*Chairman:* J. A. Adams. *Managing Director:* C. V. Grindle. *Director:* J. Rothwell. *Secretary:* A. Brialey. *Production Manager:* R. L. Saunders. *Sales/Marketing Manager:* A. M. Croager. *Buyer:* A. Michael.

PARENT COMPANY: *Salada Foods Ltd., Toronto, Canada.*

ASSOCIATED COMPANIES: *Salada Foods (U.K.) Ltd., Favorite Food Products Ltd.*

BRAND NAMES: *Askeys, DuBarry, Pompadour.*

PRODUCT: *Biscuits (Wafer).*

## ASSOCIATED BISCUIT MANUFACTURERS LTD.

121, King's Road, Reading, Berkshire, RG1 3DE. *Tel.* 0743 583535

*Chairman:* Richard P. Carr, M.B.E., M.C. *Vice-Chairmen:* Roderic A. O'Conor, T.D., M.A., The Hon. Gordon W. N. Palmer, O.B.E., T.D., D.L., J.P. *Directors:* Christopher B. Barber, F.C.A., Michael S. Carr, J. Robert Eades, F.C.A., Robert A. Henderson, Barry R. K. Hunton, F.C.A. (*Secretary*), Herbert Kirby, W. Gordon Medd, B.Sc., Turlough R. R. O'Conor, M.A., J.P., The Rt. Hon. Lord Palmer, O.B.E., Richard J. Palmer, J.P., William A. Palmer.

ASSOCIATED COMPANY: *Chocolat Tobler Meltis Ltd.*

BRAND NAMES: *Huntley & Palmers, Jacobs, Peek Frean, O.P. Chocolate.*

PRODUCTS: *Biscuits, Biscuits (wafer), Cakes, Christmas Puddings.*

## ASSOCIATED BRITISH FOODS LTD.

Weston Centre, 40, Berkeley Square, London, W1X 6BR.
*T.A.:* "Garwest London W.1". *Tel.* 01-499 8931

*President:* W. Garfield Weston. *Chairman:* G. H. Weston. *Directors:* W. Galen Weston, J. H. Scott, Norman Wood, Fred Simpson, L. D. Goldsmith, P. N. Davies, W. Monaghan. *Secretary:* T. H. M. Shaw. *Financial Controller:* P. B. Wood. *Buyers:* Provincial Merchants Ltd.

PARENT COMPANY: *George Weston Holdings, Ltd.*

SUBSIDIARY COMPANIES: *Acres The Bakers Ltd., Aerated Bread Co. Ltd., Alliance Wholesale Grocers Ltd., Allied Bakeries Ltd., Allied Bakeries (Midlands) Ltd., Allied Bakeries (N.I.) Ltd., Allied Mills Ltd., Allied Mills Holdings Ltd., Anglia Canners Ltd., W. J. Barton Ltd., Bartons (Basildon) Ltd., Betabake (Anglia) Ltd., Betabake (Kent) Ltd., Bowketts The Bakers Ltd., F. Broomfield Ltd., Burton's Gold Medal Biscuits Ltd., Carrick's (Caterers) Ltd., The Charter Tea & Coffee Co. Ltd., Chibnall's Bakeries Ltd., The City Bakeries Ltd., E. Cookson & Sons Ltd., The Coombe Bakery Ltd., The Country Maid Bakeries Ltd., Cousins Confectioners Ltd., Cranfield Bros. Ltd., Crystal Spring Ltd., William Cussons Ltd., Elsom & Co. (London) Ltd., G. Embrey Ltd., Fine Fare Manufacturing Ltd., Food Securities Ltd., C. A. & W. Goodbody Ltd., Charles Hagenbach & Sons Ltd., Hunters The Bakers Ltd., Lax & Shaw Ltd., Littlewoods of Featherstone Ltd., McMicken, Dixon & Hinds Ltd., Mardorf, Peach & Co. Ltd., Martin's Bakery Ltd., Ernest Melling Ltd., Melias Ltd. James Neil Ltd., Nelson Preserving Co. Ltd., H. W. Nevill Ltd., Parkers Bakeries Ltd., Parslows of Reading Ltd., Provincial Merchants Ltd., Rishy Crisps Ltd., Robinson & Speight Ltd., Rowallan Creamery Ltd., The Ryvita Co. Ltd., Thomas Scott & Sons (Bakers) Ltd., Richard Sharrock & Sons Ltd., George Spurr Ltd., Stewarts Supermarkets Ltd., Sunblest Bakeries (Aberdeen) Ltd., Sunblest Bakeries (Dundee) Ltd., Sunblest Bakeries (Edinburgh) Ltd., Sunblest Bakeries (Glasgow) Ltd., Sunblest Bakeries (Sheffield) Ltd., Sunblest Bakeries (Stevenage) Ltd., Sunblest Bakeries (Yorkshire) Ltd., Tip Top Bakeries Ltd., Tooks Ltd., R. Twining & Co. Ltd., Twining Crosfield & Co. Ltd., R. C. Walmsley Ltd., Walters Biscuits Ltd., Weston Foods Ltd., Whittaker & Sons (York) Ltd., Hy Whittle Ltd., Wilkins the Bakers Ltd., Wilsdon & Co. Ltd., XL Crisps Ltd.*

BRAND NAMES: *Sunblest, Burtons, VitBe, Westons, Orchard, Fine Fare Tiger, Top Diet.*

## ASSOCIATED FISHERIES LTD.

16, Queen Anne's Gate, London, SW1H 9AQ.
*T.A.:* "Assocfish London Telex"
*Telex:* 262224. *Tel.* 01-930 0454

*Chairman:* P. M. Tapscott. *Deputy Chairman:* J. Bennett, J.P. *Directors:* W. F. S. Letten, M. Hellyer, G. Hellyer, Andrew Barrowman, B.L., B.Com., C.A., D. Dudley Morgan, J. Dunlop. *Secretary:* J. C. Atkin, F.C.A.

SUBSIDIARY COMPANIES: *Associated Fisheries and Foods Ltd., B. & A. Britton Ltd., D. A. Macrae Ltd., Marshall & Company (Aberdeen) Ltd., Piper Products (Poole) Ltd., W. G. White Ltd.*

## ASSOCIATED FISHERIES & FOODS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II FISHMONGERS*

Neptune House, Varcoe Road, Bermondsey, London, S.E.16. *Tel.* 01-237 5281
*Telex:* 27559

FACTORIES: *Brighton Street, Hull. Tel.* 0482 27802. *Humber Bridge Road, Grimsby,* 159, *North Esplanade, Aberdeen.*

*Chairman:* Mark Hellyer. *Distribution Director:* W. H. Alston. *Technical Director:* J. R. Crook. *Frozen Sales Director:* J. B. Holt. *Fresh Sales Director:* W. E. McDonald. *Financial Director:* S. J. Pearson. *Management Services Director:* D. Porter. *Marketing Director:* J. B. Holt. *Technical Production Director:* J. R. Crook.

PARENT COMPANY: *Associated Fisheries Ltd.*

SUBSIDIARY COMPANIES: *Tullos Cold Storage (Aberdeen) Ltd., J. Bennett (Billingsgate) Ltd.*

BRAND NAMES: *Mudd, King Frost, Anchor.*

PRODUCTS: *Crustacea (Quick Frozen), Fish (Quick Frozen), Fish Cakes, Fish Products (Quick Frozen), Fruit (Quick Frozen), Ice Cream, Meat (Quick Frozen), Meat Products (Quick Frozen), Sausages, Shrimps (Potted), Vegetables (Quick Frozen).*

## ATKINSONS OF WINDERMERE LTD.

Park Avenue, Windermere, Cumbria, LA23 2AP. *Tel. Windermere* 3050

*Managing Director:* W. F. Cooper. *Director:* O. Cooper. *Factory Manager:* E. O. Hargreaves.

BRAND NAMES: *Nuttabisko, Crumblets, Ruskoon, Marigold, Sweet Alice, Original London, Pedigree Shortbread, Barbecuties.*

PRODUCTS: *Biscuits, Bread Crumbs, Shortbread, Sweets (General).*

## AVANA GROUP LTD.

Avana Buildings, Pendyris Street, Cardiff. *T.A.:* "Avana, Cardiff"
*Tel. Cardiff* 25521

BAKERIES: *Cardiff, Tel. Cardiff* 25521; *Rogerstone, Tel. Rhiwderin* 441.

OTHER FACTORIES: *Swansea, Tel. Swansea* 32471; *Leicester, Tel. Wigston* 2237; *Warwick, Tel. Warwick* 43823.

*Chairman:* Sir Julian Hodge. *Managing Director:* Howard W. Morris. *Directors:* D. A. Burford, W. P. Thomson, J. R. Taylor, B. W. Hodges, B. Bevens, T. H. J. Barrett, C. E. Langdale. *Secretary:* T. H. J. Barrett, F.C.A.

SUBSIDIARY COMPANIES: *Chapman & Dunn Ltd., D. Jones Dickinson & Co. Ltd., Ledbury Preserves (1928) Ltd., Western Agencies Ltd., R. F. Brookes Ltd., Stan Thomas Ltd., Stan Thomas (Food Products) Ltd., Dan Hansen Ltd., Harry's Pies Ltd., Fleur de Lys Products Ltd., Avana Bakeries Ltd., Avana Meat Products Ltd., R. F. Brookes (Leicester) Ltd.*

BRAND NAMES: *Avana, Delberry, Delvana, Malvern Hills, Fleur De Lys.*

PRODUCTS: *Cakes, Lemon Curd, Meat Pies, Meat Products (Canned), Preserves, Quick Frozen Meat Products, Quick Frozen Prepared Foods.*

## AVANA MEAT PRODUCTS LTD.

Emscote Road, Warwick. *Tel. Warwick* 43823

OTHER FACTORY: Magna Road, South Wigston, Leicester. *Tel. Wigston* 2237.

*Chairman:* Sir Julian Hodge. *Managing Director:* H. W. Morris. *Directors:* J. R. Taylor, C. E. Langdale, T. H. J. Barrett. *Secretary:* M. W. Reader, A.C.A. *Production Managers:* I. Grant, R. Turnbull. *Sales Marketing Director:* J. G. Dickinson. *Engineer:* H. Austin. *Chemist:* P. Davies.

PARENT COMPANY: *Avana Group Ltd.*

SUBSIDIARY COMPANY: *Fleur De Lys Products Ltd.*

BRAND NAME: *Fleur de Lys.*

PRODUCTS: *Meat Pies, Meat Products (Quick Frozen).*

## BADEX LTD.

Waverley House, Hale Road, Altrincham, Cheshire. *Tel.* 061-928 4326

*Chairman:* V. M. Nixon. *Directors:* A. J. Worth, E. A. Wormald. *Secretary:* A. J. Worth. *Factory Manager:* N. J. Shaw. *General Sales Manager:* E. A. Wormald. *Engineer:* G. Daniels. *Chemist:* F. Burton. *Buyer:* H. Hope.

PARENT COMPANY: *Laing National Ltd.*

ASSOCIATED COMPANIES: *Manbré & Garton Ltd., National Starch Chemical Corp. (U.S.A.).*

BRAND NAMES: *Classic, Velcrum, Ritabs, Colset, Nupreme, D4G, Supado, Frufil.*

PRODUCTS: *Baking Powder, Cake Mixes, Cornflour, Cream (imitation), Custard Mix, Dessert Powder, Dessert Topping Mix, Gravies, Pastry (Short) Mix, Pie Filling (Dried fruit), Pudding Mixes, Curry Sauce Mix.*

## BARKER & DOBSON LTD.

Whitefield Road, Liverpool L6 5DF. *T.A.:* "Bardobs Liverpool".
*Tel:* 051-263 9111 *Telex:* 627940

*Chairman:* W. A. McPhail. *Directors:* G. E. P. Clarkson, Ph.D., C. A. Ganderton, D. G. Hutton, O.B.E., B.Sc.(Econ.), P. B. Lambert, J. S. McClean, J. M. McInnes, Ph.D., W. M. Milne, C. L. Simon, B.A., LL.B., H. D. Smith. *Secretary:* J. M. Donald, A.C.C.A.

SUBSIDIARY COMPANIES: Bensons Confectionery Ltd., Fryer & Co, (Nelson) Ltd., Waller & Hartley Ltd.

PRODUCTS: *Chocolates, Sweets (Boiled Sugar), Sweets (General).*

## BARNETT & FOSTER LTD.

Denington Estate, Wellingborough, Northants, NN8 2QJ.
*T.A.:* "Drinks" Wellingborough
*Tel. Wellingborough* 5331 (S.T.D. 0933-3 5331). *Telex:* 311342.

*Managing Director:* T. L. Hughes. *Deputy Managing Director:* P. N. O'Donoghue. B.Sc., A.R.I.C. *Directors:* J. Knights, L. A. Trafford.

PARENT COMPANY: *Dawson & Barfos Ltd.*

ASSOCIATED COMPANY: *British Essence Co. Ltd.*

BRAND NAMES: *Sun-tang, Niagara, Red Club, Captarome.*

PRODUCTS: Essences, Colourings and Flavours, Fruit Juices.

## BARR, A. G. & CO. LTD.

1306, Gallowgate, Glasgow, G31 4DS. *Tel.* 041-554 2444
*T.A.:* "Sodawater Glasgow"

*Chairman:* R. Barr. *Directors:* W. R. G. Barr, R. H. Stothert, W. G. Barr, M. R. C. Barr, S. T. Brand. *Secretary:* G. MacLaren. *Production Manager:* S. T. Brand. *Sales/Marketing Manager:* R. H. Stothert. *Chemist:* R. Long.

BRAND NAMES: *Irn-bru, Strike Cola, Tizer.*

PRODUCT: *Soft drinks.*

## BARRATT & CO. LTD.

Mayes Road, London, N.22. *T.A.:* "Tarrab Wood London"
*Tel.* 01-888 1191
*Telex:* 265771

OTHER FACTORY: *Royston, Herts.*

*Chairman:* D. G. Johnson, C.B.E. *Directors:* G. de Pinna. *Secretary:* E. M. Mott.

PARENT COMPANY: *Geo. Bassett Holdings Ltd.*

SUBSIDIARY COMPANIES: *Pied Piper Confectionery Co. Ltd., Sweetule Products Ltd.*

BRAND NAME: *Tarrab.*

PRODUCTS: *Lemonade Powder, Sweets (Boiled Sugar), Sweets (General), Sweets (Liquorice), Sweets (Toffees).*

## BARTON, W. J., LTD.

Kemp Road, Dagenham, Essex, RM8 1SU. *Tel.:* 01-590 7733

*Directors:* W. G. Weston, A. W. Aubrey-Jones, G. R. Smith, R. J. Pantlin.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## BASSETT, GEO., & CO. LTD.

Owlerton, Sheffield, 6. *T.A.:* "Licallsorts, Sheffield"
*Tel. Sheffield* 345251. *Telex:* 54343

*Chairman:* D. G. Johnson, C.B.E. *Vice-Chairman:* G. de Pinna. *Managing Director:* W. R. Mills. *Directors:* J. B. Adshead, G. R. H. Clemons (*Finance*). *Secretary:* E. M. Mott. *Factory Manager:* H. Booth. *Sales Manager:* G. L. Harper. *Engineer:* E. Bardill.

PARENT COMPANY: *Geo. Bassett Holdings Ltd.*

BRAND NAMES: *Bassetts, Wilkinsons.*

PRODUCTS: *Sweets (General—Jelly Babies), Sweets (Liquorice).*

## BASSETT, GEO., HOLDINGS LTD.

Owlerton, Sheffield, 6. *Tel. Sheffield* 345251. *Telex:* 54343

*Chairman:* D. G. Johnson, C.B.E. *Vice-Chairman:* G. A. de Pinna. *Managing Director:* W. R. Mills. *Directors:* J. B. Adshead, D. Clarke, G. R. H. Clemons (*Finance*), C. J. Ede. *Secretary:* E. M. Mott.

SUBSIDIARY COMPANIES: *Barratt & Co. Ltd., Geo. Bassett & Co. Ltd., Bassetts Confectionery Ltd., Bertie Bassett Ltd., Drakes Sweets (Marketing) Ltd., Halton Ltd.*

## BATCHELORS FOODS LTD.

Wadsley Bridge, Sheffield, S6 1NG. *T.A.:* " Batchelor Sheffield
*Telex:* 54339. *Tel. Sheffield* 34942

OTHER FACTORIES: *Ashford, Kent. Tel. Ashford* 25733. *Clayland Gateford Road, Worksop. Tel. Worksop* 4671.

*Chairman:* J. D. Cormie. *Directors:* K. S. Saunders, P. J. Walker, B. H. Ahr stedt, J. A. K. Blades, J. W. Carruthers. *Secretary:* P. J. Walker. *Marketin Managers:* J. Elliott, W. G. Walker. *Engineer:* T. G. Brown. *Developme Manager:* T. J. Guffick. *Forward Planning Manager:* A. J. Goodall. *Technic Services Manager:* J. L. Sanderson.

PARENT COMPANY: *Unilever Ltd.*

BRAND NAMES: *Batchelors Peas, Bigga Peas, Dwarf Peas, Chef Pea Dinna Peas, Batchelors Soups, Farrows, Vesta, Surprise, Promise.*

PRODUCTS: *Dried Peas, Prepared Desserts, Prepared Meals, Soup (Packeted Vegetables (Canned), Vegetables (Dehydrated).*

## BAUGHAN'S FOODS LTD.

East Street, Braintree, Essex. *Tel. Braintree* 2114

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes, Fruit Pies (quick frozen), Meat Pies (quick frozen).*

## BAXTER, G. G., LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH I SUPPLIERS OF PORK SAUSAGES*

319 Central Markets, Smithfield, London, E.C.1. *Tel.* 01-236 5197

FACTORY: *Sarre, near Birchington, Kent, CT7 0LD. Tel. Thanet* 81601

*Chairman:* Edwin Baxter. *Managing Director:* E. A. Baxter. *Directors:* Mrs. D. Baxter, A. W. Marchant. *Secretary:* W. A. Kemp. *General Manager:* D. O. Taylor. *Factory Manager:* S. J. H. Kirk. *Sales Manager:* B. G. Sturgeon.

PRODUCTS: ***Bacon, Ham, Meat Pies, Meat Products (Canned), Meat Products (Open Pack), Sausages.***

## BAXTER, W. A., & SONS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II FRUIT CANNERS*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER PURVEYORS OF SCOTTISH SPECIALITIES*

Fochabers, Morayshire. *T.A.:* "Preserves Fochabers." *Tel. Fochabers* 393
*Telex:* 73327

*Chairman:* Gordon Baxter, O.B.E. *Directors:* G. I. A. Baxter, E. E. Baxter, M. Baxter, Sir John Toothill, R. F. Keay, C.A. *Secretary:* W. I. Henderson. *Development Manager:* D. M. Oxtoby. *Production General Manager:* R. H. Smith. *Sales Manager:* W. G. H. France. *Marketing General Manager:* A. D. Clark. *Engineer:* J. F. Weir. *Chemist:* N. Entwistle. *Buyer:* G. King.

ASSOCIATED COMPANY: *Highland Fruit Farms.*

SUBSIDIARY COMPANIES: *W. A. Baxter & Sons (Management) Ltd., Gordon and Ena Baxter Ltd., Baxters Scottish Game Ltd.*

BRAND NAME: *Baxters of Speyside.*

PRODUCTS: *Fruit (canned), Game (canned), Meat Products (canned), Pickles, Preserves, Sauces (Cranberry), Soups (canned).*

## BEACH, T. W., & SONS LTD.

227, London Road, Worcester, WR5 2JQ *Tel. Worcester* 28731
*Telex:* 338378

FACTORIES: *Church Street, Evesham, Worcs. Tel. Evesham* 6281. *Tillington Road, Three Elms, Hereford. Tel. Hereford* 4381. *Greenhill Preserve Works, Greenhill Road, Paisley, Renfrewshire. Tel.* 041-889 6825.

*Chairman:* B. J. Callaway. *Managing Director:* Dr. I. A. Wilkinson. *Directors:* A. T. Burdett, E. G. Castro, R. F. Simmons, E. W. Ransom, D. F. McErlain, G. J. Budds. *Secretary:* A. T. Burdett. *Director of Factories:* E. G. Castro. *Factory Managers:* E. W. Jarvis (Evesham), G. Tasker (Hereford), J. H. Brown (Paisley). *Sales/Marketing Manager:* R. F. Simmons. *Engineer:* W. Hemingway (Evesham), S. Hall (Hereford), A. D. Stevens (Paisley). *Chemist:* D. Goodwin (Evesham), B. Granthier (Hereford), G. McHardie (Paisley). *Buyer:* E. Ransom.

PARENT COMPANY: *Allied Suppliers Ltd. (Cavenham Group).*

BRAND NAMES: *Beach's, Avonbourne.*

PRODUCTS: *Fruit (Canned), Mincemeat, Pickles, Preserves, Puddings (Canned) (Milk), Soft Drinks, Vegetables (Canned).*

## BEATTIE, WILLIAM, LTD.

116, Paton Street, Glasgow, G31 1NJ *Tel.* 041-554 2411

PARENT COMPANY: *Beatties Bakeries Ltd. (Ranks Hovis McDougall Group).*

BRAND NAME: *Mothers Pride.*

PRODUCTS: ***Bread, Cakes.***

## BEATTIES BAKERIES LTD.

38, Wesleyan Street, Glasgow, G40 2AS *Tel.* 041-554 3833

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

SUBSIDIARY COMPANIES: *William Beattie Ltd., Beatties Biscuits Ltd., Burnett's Inverness Bakery Ltd., T. D. Duncan Ltd., Gellatly's Wholesale Ltd., James Gilchrist Ltd., Thomas Johnston's (Bakers) Ltd., James S. Lightbody Ltd., McMichael Brothers (Bakers) Ltd., Macvitties, Guest & Co. Ltd., Milanda Bread Co. (Edinburgh) Ltd., Thomas Muir & Son Ltd.*

## BEATTIES BISCUITS LTD.

2690, Great Western Road, Glasgow, G15 8NY
*T.A.:* "Drumery, Glasgow." *Tel.* 041-944 2241

PARENT COMPANY: *Beatties Bakeries Ltd. (Ranks Hovis McDougall Group).*

BRAND NAME: *Beattie.*

PRODUCTS: ***Biscuits, Cakes.***

## BEAULAH, J. & J., LTD.

Long Sutton, Spalding, Lincs., PE12 9EQ. *Tel.* Long Sutton (0406) 362101

OTHER FACTORIES: *Norfolk Street, Boston, Lincs. Tel. Boston* (0205) 67000. *Rawcliffe Road, Goole, Yorks. Tel. Goole* 3623. *Lochside, Forfar. Tel. Forfar* 2243. *Park Avenue, Carnoustie. Tel. Carnoustie* 2051.

*Managing Director:* C. A. Lazenby. *Directors:* D. F. Dyer (*Sales*), E. H. Dyer, S. D. Warrick. *Secretary:* D. A. C. Sprague, F.C.A. *Factory Managers:* M. Flaxman (Goole), P. Dawson (Long Sutton), A. J. Maude (Boston), C. Goad (Forfar), D. M. Leighton (Scottish General Manager). *Group Chief Engineer:* J. W. Spenceley. *Group Chief Chemist:* M. A. Wright, L.R.I.C., A.I.F.S.T. *Buyer:* D. E. Holmes.

PARENT COMPANY: *Lockwood Foods Ltd.*

BRAND NAMES: *Lockwoods, Beaulahs, Peasant Boy, Benedict, Country Market, Lincolnshire Lad.*

PRODUCTS: *Baked Beans* (*Canned*), *Fruit* (*Canned*), *Fruit Juices, Fruit Pulps, Honey, Mushrooms* (*Canned*), *Peas* (*Dried*), *Spaghetti* (*Canned*), *Tomato Juice, Vegetables* (*Canned*).

## BEDDINGTON NUT & PRODUCE CO. LTD.

Highlands Hill, Swanley, Kent, BR8 7NH. *T.A.:* "Namsoluc Bromley" *Tel. Swanley* 62306

*Chairman:* M. B. Evanson. *Managing Director:* B. A. S. Gilliat-Smith. *Directors:* E. W. A. Richardson, B. Richards, L. Brookes. *Secretary:* W. McAllister. *Factory Manager:* J. Searles. *Sales Manager:* V. C. Matthews. *Chemist:* S. Solanki. *Buyer:* V. C. Matthews.

PARENT COMPANY: *Unigate Ltd.*

SUBSIDIARY COMPANY: *Wyles Preserves Ltd.*

PRODUCTS: *Fruit Pulps, Fruit* (*Quick Frozen*).

## BEECHAM FOODS (a Branch of Beecham Group Ltd.)

Beecham House, Brentford, Mddx., TW8 9BD.
*T.A.:* "*Beechfood, Brentford*". *Tel.* 01-560 5151. *Telex:* 22743

FACTORIES: *Brentford; Coleford, Glos.; Lowestoft; Manchester; Newcastle upon Tyne; Belfast, Slough, Tottenham.*

*Chairman:* R. E. Newman. *Managing Director:* G. Darby. *Directors:* P. B. Twaits, R. G. Parker. *Secretary:* W. Beaumont, F.C.I.S. *Buyer:* B. J. Llewellyn.

PARENT COMPANY: *Beecham Group Ltd.*

ASSOCIATED COMPANIES: *Coca-Cola Bottlers* (*Scotland & Northern*) *Ltd., Gould, Hibberd & Randall Ltd., Horlicks Farms & Dairies Ltd., Downward Qualtrough Ltd., Corona Soft Drinks.*

BRAND NAMES: *Hunts, Morton, Lucozade, Ribena, P.L.J. Lemon Juice, Quosh, Shloer, Top Deck, Horlicks, Bemax, Idris, Tabasco.*

PRODUCTS: *Fruit Juices, Pie Fillings* (*Fruit*), *Soft Drinks, Vegetables* (*Canned*), *Health Beverages, Malted Foods, Sauce.*

## BEECHAM PRODUCTS (a Division of Beecham Group Ltd.)

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II SUPPLIERS OF LUCOZADE*

See Beecham Foods.

## BEECH'S CHOCOLATES LTD.

Fletcher Road, Preston, Lancs. PR1 5AD. *T.A.:* "Chocolate, Preston"
*Tel. Preston* 55266

*Chairman:* R. R. Whitaker. *Managing Director:* J. Dubock. *Directors:* P. R. Whitaker, E. S. Horner. *Secretary:* T. G. Lockhart. *Sales Manager:* A. L. Kersey. *Engineer:* H. Ravenscroft. *Buyer:* T. Bushell.

PARENT COMPANY: *T. Collinson & Sons Ltd.*

BRAND NAME: *Beech's Continental.*

PRODUCT: *Chocolates.*

## BEER, I., & SONS LTD.

Ibson House, Eastern Way, Bury St. Edmunds, Suffolk, IP32 7AA.
*Tel.* 0284-5842

*Chairman:* E. M. Canevali. *Managing Director:* G. T. Beer. *Directors:* L. C. Durant, R. W. Moulding. *Secretary:* L. C. Durant.

PARENT COMPANY: *Fitch Lovell Ltd.*

SUBSIDIARY COMPANIES: *Alfred Mason & Co. Ltd.*

BRAND NAMES: *Ibson, Merry Monk, Red Wings, White Wings, Aristos.*

PRODUCTS: *Bacon, Fruit (canned), Vegetables (canned).*

## BELLAMY, JOSEPH, & SONS LTD.

Wheldon Road, Castleford, Yorks., WF10 2JN *T.A.:* "Bellamy, Castleford"
*Tel. Castleford* 3084

FACTORY: *Wheldale Mills, Castleford, Yorks.*

*Chairman:* D. Cramb. *Directors:* G. M. Hill, J. Peel. *Secretary:* A. Wilkinson.

PARENT COMPANY: *Rowntree Mackintosh Ltd.*

PRODUCTS: *Sweets (General), Sweets (Liquorice).*

## BELVOIR BACON CO. LTD.

Mantle Lane, Coalville, Leicester. *Tel. Coalville* 3501

*Chairman and Managing Director:* T. S. Bloor. *Directors:* Mrs. D. Bloor, Mrs. R. M. Simmonds, T. E. Bloor, A. D. E. Bloor. *Secretary:* T. E. Bloor. *Production Manager:* R. W. Phillips. *Sales Marketing Managers:* A. D. E. Bloor, F. Shepheard. *Buyers:* T. S. Bloor, T. E. Bloor.

ASSOCIATED COMPANY: *T. S. Bloor & Sons (Pork Butchers) Ltd.*

BRAND NAME: *Belvoir.*

PRODUCTS: *Bacon, Ham, Lard, Meat Pies, Meat Products (Open Pack), Sausages.*

## BENDER & CASSEL LTD.

Blackhorse Road, Letchworth, Herts., SG6 1HL. *T.A.:* "Becas Letchworth"
*Telex:* 825265. *Tel. Letchworth* 6971

*Chairman and Managing Director:* E. J. Bender. *Director and Secretary:* Mrs. A. Bender. *Production, Factory and Sales Manager, and Buyer:* E. J. Bender.

BRAND NAME: *Becas.*

PRODUCTS: *Soups (canned), Turtle Products.*

## BENNETT OPIE LTD.

Chalkwell Road, Sittingbourne, Kent, ME10 2LE. *Tel. Sittingbourne* 3154
*Telex:* 965267

*Chairman:* A. R. B. Opie. *Joint Managing Directors:* A. R. B. Opie, D. W. Opie. *Directors:* J. Bates, J. M. Cansick, R. A. Coles, M. G. W. Stringer. *Secretary:* D. W. Opie. *Factory Manager:* J. Oliver. *Sales Manager:* E. Willey. *Chemist:* R. Coles.

SUBSIDIARY COMPANIES: *Bennett Opie (Agencies) Ltd., Bennett Opie (Mfg.) Ltd.*

BRAND NAMES: *Opie's Cocktail Cherries, Glace Cherries, Solo Squashes.*

PRODUCTS: *Cherries (Cocktail), Cherries (Glace), Olives, Peel, Pickles, Soft Drinks.*

## BENSONS CONFECTIONERY LTD.

Huntley Mount Road, Bury, Lancs. *T.A.:* "Alert, Bury". *Tel. Bury* 5051
*Telex:* 627940

PARENT COMPANY: *Barker & Dobson Ltd.*

PRODUCTS: *Sweets (General), Sweets (Boiled sugar).*

## BENSON'S CRISPS LTD.

Harwood Street, Blackburn, Lancs., BB1 3DZ. *Tel. Blackburn* 53104

PRODUCT: *Potato Crisps.*

## BERISFORD, S. & W., LTD.

Berisford House, 50, Mark Lane, London, EC3R 7QJ *Tel.* 01-488 3211
*Telex:* 888275

FACTORY: *Manor Lane, Holmes Chapel, Cheshire.* *Tel.* 04-773 3512.

*Chairman:* N. H. Castle. *Joint Managing Directors:* N. H. Castle, E. S. Margulies. *Directors:* N. G. Hanson, F.C.A., G. E. Percival, H. P. Wiltshire, A.A.C.C.A., J. G. Clarfelt. *Secretary:* N. G. Hanson, F.C.A.

SUBSIDIARY COMPANIES: *S. & W. Berisford (Sugar) Ltd., S. & W. Berisford (Foods) Ltd., S. & W. Berisford (Mark Lane) Ltd., British Pepper & Spice Co. Ltd., Howards Speciality Foods Ltd., Matthew Walker (Derby) Ltd., Haigh Castle & Co Ltd., Smithfield & Zwanenberg Group Ltd., T. M. Duche & Sons (U.K.) Ltd.*

BRAND NAMES: *Alpha, Cucumber, Edna May, Haven, Howards, Imperial, Joy-to-eat, Lightship, Mandarin, Osprey, Ship, Walkers.*

PRODUCTS: *Almond Products, Batter Mixes, Cherries (glace), Christmas Puddings, Fish (Canned), Fruit (canned), Fruit (dried), Fruit Juices, Jams, Lemon Curd, Marmalade, Meat Products (canned), Mincemeat, Pearl Barley, Peas, Beans, Lentils (dried), Peel, Preserves, Spices, Sugar, Syrup, Tapioca, Tomato Juice, Vegetables (canned).*

## BERMALINE LTD.

Haddington, East Lothian, EH41 4BD. *Tel.* 062 082 2406
*T.A.:* "Bermaline, Haddington"

*Chairman:* James F. Turner. *Managing Director:* Bruce K. Turner. *Director:* Guy C. Turner. *Secretary:* M. C. Archibald.

BRAND NAMES: *Aromalt, Bermaline, Home Queen, Montex.*

PRODUCTS: *Flour, Flour (malted), Malt extract, Malted Foods.*

## BESTOVAL PRODUCTS CO. LTD.

Ossory Road, London, S.E.1. *Tel.* 01-237 2856 & 5748

*Chairman:* F. M. Landau. *Director:* A. Zucker. *Secretary:* A. Zucker. *Production Manager:* A. E. Lawrence. *Buyer:* A. Zucker.

**BRAND NAME:** ***Bestoval.***

PRODUCTS: *Almond Products, Arrowroot, Baking Powder, Beans, Blancmange Powder, Cherries (Glace), Chocolate (Drinking), Cornflour, Custard Powder, Essences, Colourings and Flavours, Fruit Juices, Lemonade Powder, Lentils (Dried), Nut Foods, Pearl Barley, Peel, Rice, Spices, Table Jellies, Tomato Juice, Vegetable (dehydrated).*

## BEVAN, A. E., LTD.

Queensway Works, Hall Street, Southport, Lancs. *Tel. Southport* 57033
*Telex:* 67224

*Directors:* E. Goddard, A. H. Beaumont (*Secretary*).

**BRAND NAME:** ***Queensway.***

PRODUCTS: *Essences, Colourings and Flavours, Fruit Juices.*

## BIBBY, J., & SONS, LTD.

Richmond House, 1, Rumford Place, Liverpool, L3 9QQ.
*T.A.:* "*Intrinsic*, L3 7AW"
*Tel.* 051-236 6671. *Telex.:* 62339

FACTORIES: 57, *Great Howard Street, Liverpool, L3 7AW; Oak Street, Southport.*

*Chairman:* L. C. Young. *Managing Director:* G. A. Brown. *Directors:* N. M. Bibby, G. Waterhouse, G. E. Fairclough, K. A. Allan, B. Jones, R. L. Frankel, G. Antiglevick, C. L. Bibby. *Secretary:* J. H. McFarland.

SUBSIDIARY COMPANIES: *J. Bibby Food Products Ltd., N. Reich Ltd., Princes Foods Ltd., Horrocks & Watson (Springfield) Ltd.*

BRAND NAMES: *Trex, Princes, Cidal, Pat, Spread'n Fill.*

PRODUCTS: *Cooking Fat, Edible Oil, Canned Fish, Spreads (fish), Spreads (meat), Canned fruit and vegetables.*

## BILSLAND BROS. LTD.

75, Hydepark Street, Glasgow, C.3. *T.A.:* "Bakery Glasgow"
*Tel.* 041-221 7793

*Directors:* N. R. Allsworth, R. S. Prest, J. S. Harvey. *Secretary:* P. J. Whitechurch, F.C.I.S.

PARENT COMPANY: *Spillers-French Baking Ltd.*

**PRODUCTS:** ***Bread, Cakes.***

## BING'S MINERAL WATERS LTD.

Park Farm, Folkestone. *Tel.* Folkestone 56524

*Managing Director:* Daniel J. Ludlow. *Directors:* M. Simpson, W. F. Simpson.

ASSOCIATED COMPANY: *Silver Spring M.W. Co. Ltd.*

BRAND NAMES: ***Bing, Bingo.***

**PRODUCT:** ***Soft Drinks.***

## BIRDS EYE FOODS LTD.

Station Avenue, Walton-on-Thames, Surrey, K12 1NT.
*T.A.:* "Kwikfreez Walton-on-Thames Telex." *Telex:* 261255.
*Tel. Walton-on-Thames* 28888

FACTORIES: *South Denes, Great Yarmouth, Norfolk. Tel. Great Yarmouth* 4961. *Ladysmith Road, Grimsby. Tel. Grimsby* 59191. *Hessle High Road, Hull, Yorks. Tel. Hull* 506081. *Moss Lane, Lees Road, Kirkby Industrial Estate, nr. Liverpool, Lancs., L33 7XQ. Tel. Simonswood* 2033. *Rant Score, Lowestoft, Suffolk. Tel. Lowestoft* 3131. *Lottbridge Drove, Seaside, Eastbourne, Sussex. Tel. Eastbourne* 21444.

*Chairman:* K. J. B. Webb. *Vice-Chairmen:* E. Hall, J. D. O. Knowles (Advisory). *Directors:* E. S. J. Elston, H. A. Miller, J. Sheldon, R. P. Cotton, I. G. Melrose, K. Jacobs, E. A. Wainwright, *Secretary:* B. K Larkey.

PARENT COMPANY: *Unilever Ltd.*

SUBSIDIARY COMPANY: County Fair Foods Ltd.

BRAND NAME: *Birds Eye.*

PRODUCTS: *Desserts (Quick Frozen), Fish (Quick Frozen), Fish Products (Quick Frozen), Flour Confectionery (Quick Frozen), Fruit Concentrates (Quick Frozen), Fruits (Quick Frozen), Meat Products (Quick Frozen), Mousse, Potato Products (Quick Frozen), Poultry (Quick Frozen), Prepared Meals (Quick Frozen), Sausages (Quick Frozen), Vegetables (Quick Frozen), Quick Frozen Foods (cook in bag).*

## BIRKETT & BOSTOCK LTD.

Coronation Bakery, Swallow Street, Stockport. *Tel.* 061-480 6565

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## BIRKETT & ROBERTS LTD.

Trent Vale Bakeries, Stoke-on-Trent, Staffs.
*Tel. Newcastle-under-Lyme* 615271

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## BLUE BIRD CONFECTIONERY LTD.

Bromsgrove Road, Hunnington, Halesowen, West Midlands, B62 0EN.
*T.A.:* "Blue Bird, Birmingham."
*Tel.* 021-550 1174

HOLDING COMPANY: *Harry Vincent Ltd.*

PRODUCT: *Sweets (Boiled Sugar).*

## BLUE CAP FOODS (KENT) LTD.

Ditton, nr. Maidstone, Kent. *Tel. West Malling* 840010 (STD 0732)

*Chairman:* E. Maurice Canevali. *Managing Director:* W. H. Smyth. *Directors:* F. Dove, E. D. Martin, F. W. Lovell. *Secretary:* F. Dove. *Factory Manager:* L. Sephton. *Engineer:* E. W. Shead. *Chemist:* E. G. Rogans, B.Sc. *Buyer (non-perishables):* Miss E. M. Shutt.

PARENT COMPANY: *Lovell & Christmas Ltd. (Fitch Lovell Group).*

BRAND NAME: *Newforge.*

PRODUCTS: *Canned Fruit, Canned Vegetables, Canned Mushrooms.*

## BLUE CAP FROZEN FOOD SERVICES LTD.

1, West Smithfield, London, EC1A 9LA. *Telex:* 22493. *Tel.* 01-248 6431

DEPOT: *Houldsworth Street, Reddish, Stockport, Cheshire.*

*Chairman:* G. P. Gomersall. *Directors:* E. M. Canevali, F. A. Sugden, L. P. Samphier. *Secretary:* L. Pollard. *Sales Manager:* L. P. Samphier.

PARENT COMPANY: *Lovell & Christmas Ltd.* (*Fitch Lovell Group*).

BRAND NAME: *Blue Cap.*

PRODUCTS: *Quick Frozen Fish, Quick Frozen Fruits, Quick Frozen Vegetables.*

## BONDS OF LONDON LTD.

Wadley Road, London, E.11. *Tel.* 01-539 2837

SUBSIDIARY COMPANY: *Roys* (*Sweets*) *Ltd.*

BRAND NAMES: *Bonds of London, Ivanhoe, Zills, Lung Pines.*

PRODUCTS: *Lemonade etc. Powder, Sweets* (*Boiled Sugar*).

## BORWICK, GEORGE, & SONS LTD.

Aldrington Works, Portland Road, Hove BN3 5ST, Sussex.
*Telex:* 87582. *T.A.:* "Custard, Brighton." *Tel. Hove* 47275

*Chairman and Managing Director:* B. Moyle. *Director:* D. J. Earl, P. W. Hill. *Secretary:* D. E. Webber. *Research and Development Manager:* Dr. A. Morton. *Buyer:* P. M. Gregory.

PARENT COMPANY: *H. J. Green & Co. Ltd.* (*The Pilsbury Co* (*U.S.A.*) *Group.*)

BRAND NAMES: *Borwicks, Borbak.*

PRODUCT: *Baking Powder.*

## BOTLEY FLOUR MILLING CO. LTD.

Botley, Southampton, SO3 2GB. *Tel. Botley* 2202

*Managing Director:* Peter W. Appleby. *Directors:* A. E. Appleby, G. W. Appleby, J. A. Appleby, A. F. Case, J. D. L. John, N. S. Patten. *Secretary:* A. F. Case. *Mill Manager:* G. W. Appleby. *Sales Marketing Manager* (*Flour*): N. S. Patten. *Nutritionist and Buyer:* G. A. C. White.

SUBSIDIARY COMPANIES: *Feedrite Farms* (*Southern*) *Ltd., R. A. Nixon & Sons Ltd.*

PRODUCT: *Flour.*

## BOVRIL LTD.

*T.A.:* "Fluidex Enfield Middlesex."
*Telex:* 27519
Bovril House, Southbury Road, Enfield, Middx. *Tel.* 01-366 1188

*Chairman:* M. L. Haynes. *Managing Director:* P. E. Franklin. *Directors:* B. J. Callaway, D. A. Franklin, J. M. Goldsmith, J. Greenhalgh, J. A. D. Harwood, B. H. B. Herbert, E. Robertson, M. J. A. E. Wilmot.

PARENT COMPANY: *Cavenham Ltd.*

BRAND NAMES: *Ambrosia, Bovril, Jaffacrush, Jaffajuce, Marmite, Savex, Virol, Yeatex, Yesta, Yestor.*

PRODUCTS: *Beverages, Custard* (*canned*), *Gravies, Infant and Invalid Foods, Meat Extract, Meat Products* (*canned*), *Milk Foods, Milk Powder, Puddings* (*canned*) (*Milk*), *Soft Drinks, Yeast Extract.*

## BOWKETTS THE BAKERS LTD.

Westwood, Broadstairs, Kent, CT10 2PT. *Tel. Thanet* 65151

*Chairman:* A. H. Bowkett. *Directors:* F. P. Acres, J. K. Rhodes, D. W. McIntosh.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## BOWMAN, JAS., & SONS LTD.

Station Flour Mills, Hitchin, Herts. *Tel. Hitchin* 4401

PRODUCTS: *Flour, Flour (Self-Raising).*

## BRADSHAW, E. B., & SONS LTD.

Bell Mills, Driffield, Yorks. *Tel. Driffield* 3163

OTHER MILL: *Driffield, River Head Mill.*

*Joint Managing Directors:* P. N. Bradshaw, J.P., E. B. Bradshaw. *Director:* A. E. J. Bradshaw. *Secretary:* L. G. Hawkins.

BRAND NAME: *Rising Sun.*

PRODUCT: *Flour.*

## BRAINS FOODS (Frozen Foods Division of Kraft Foods Ltd.)

Bridge Road, Kingswood, Bristol, BS15 4PT *Tel. Bristol* 659551
*Telex:* 44329

*Trade Relations Director:* G. H. Colborn. *Engineer:* H. T. Green, A.M.I.Mech.E.

PARENT COMPANY: *Kraft Foods Ltd.*

PRODUCTS: *Desserts (Quick Frozen), Meat (Quick Frozen), Meat Products (Quick Frozen), Prepared Meals (Quick Frozen), Quick Frozen Sausages.*

## BRAMAH TEA & COFFEE LTD.

Royal Mail House, Southampton, SO1 1FD *Tel. Southampton* 26503

*Managing Director:* E. R. Bramah. *Secretary:* Miss S. Pierce.

BRAND NAMES: *Bramah, Coffee Cupid.*

PRODUCTS: *Coffee, Coffee Creamer (non-dairy), Coffee (instant), Tea, Tea (instant).*

## BREKKES LTD.

Wm. Wright Dock, Hull, Yorks HU3 4PB. *T.A.:* "Brekkes Hull."
*Telex:* 52-109.
*Tel. Hull* 27396

*Chairman and Managing Director:* P. R. Lovell. *Director:* R. N. Gibson, F.C.A. *Secretary:* K. A. Rawcliffe. *Production Manager:* T. H. Blake. *Factory Manager:* A. Anderson. *Sales Manager:* G. Wilson. *Engineer:* R. Simons.

SUBSIDIARY COMPANIES: *Brekkes (North Shields) Ltd., Brekkes (Grimsby) Ltd., Brekkes (Transport) Ltd., Brekkes (D. & D.) Ltd., D. & D. (Burnley) Ltd., Brekkes (Seafridge) Ltd., Brekkes Foods Ltd., Ron Turner Ltd.*

BRAND NAMES: *Diamond "B", Regal.*

PRODUCTS: *Quick Frozen Fish, Quick Frozen Fish Products, Quick Frozen Vegetables.*

## BREMITH FOODS LTD.

Windsor Works, North Road, West Wickham, Kent. *Tel.* 01-777 7808

*Directors:* W. Patterson, E. A. Patterson.

BRAND NAMES: *Krusty Krums, Stuphin.*

PRODUCTS: *Stuffing, Bread crumbs, Herbs.*

## BRIDGEWATER, G. & T.,

111, Mortlake Road, Richmond, Surrey, TW9 4AD
*T.A.:* "Foodsmith, Richmond, Surrey."
*Tel.* 01-876 3414
*Telex:* 25558

FACTORY: *St. James Road, Corby, Northants. Tel. Corby* 2283.

*Director of Division:* J. D. Bridgewater. *Secretary:* J. Dennis. *Factory Manager:* J. F. Trundle.

PARENT COMPANY: *General Mills, Inc.* (*U.S.A.*).

BRAND NAME: Dad's Cookies.

PRODUCT: *Biscuits.*

## BRIGHT, HENRY, & SONS LTD.

Fraser Street, Grimsby, DN32 8AH, S. Humberside.
*T.A.:* " Bright Grimsby."
*Tel.* Grimsby 59807

*Chairman and Managing Director:* D. C. King. *Director:* M. F. King. *Secretary:* H. C. Hutchinson. *Production and Factory Manager:* S. C. Gibson. *Sales/Marketing Manager:* D. J. Drury. *Engineer:* D. Wood. *Buyer:* H. C. Hutchinson.

BRAND NAMES: *Brights, Crisp-it.*

PRODUCTS: *Bread Crumbs, Batter Mixes, Sauce Mixes, Stuffings.*

## BRISTOW'S OF DEVON (MANUFACTURING) LTD.

Crediton, Devon. *T.A.:* "Scotch, Crediton." *Tel. Crediton* 3421

*Chairman and Managing Director:* L. G. Bristow. *Directors:* K. C. Bristow, F. R. Bristow, E. M. Bristow (Mrs).

SUBSIDIARY COMPANY: *Bristow's of Devon Ltd.*

BRAND NAMES: *Bristow's, Lorna Doone, Luxles, Cho-Hone, Clarion.*

PRODUCTS: *Sweets* (*Boiled Sugar*), *Sweets* (*Toffees*), *Sweets* (*Fudge*).

## BRITISH CANNERS LTD.

Widemarsh Street, Hereford. *T.A.:* " Britcan Hereford."
*Tel. Hereford* 2335

*Chairman:* Neil A. Robertson. *Joint Managing Directors:* G. C. Webster, Robert Pollak. *Director:* Graham Cunliffe. *Secretary:* J. M. Bradbury, A.C.A.

PARENT COMPANY: *Robertson Foods Ltd.*

ASSOCIATED COMPANIES: *James Robertson & Sons Preserve Manufacturers Ltd., Quantock Preserving Co. Ltd., Viota Foods Ltd., Robertson Foods International Ltd., Peny, S.A.* (*France*).

BRAND NAMES: *Wye Valley, Merrie England, Moor Farm.*

PRODUCTS: *Fruit* (*Canned*), *Preserves, Vegetables* (*Canned*).

## BRITISH FISH CANNERS (FRASERBURGH) LTD.

Bath Street, Fraserburgh, Aberdeenshire, AB4 5DY.
*T.A.:* "Preserving Fraserburgh." *Tel. Fraserburgh* 3191. *Telex:* 73204

*Chairman and Managing Director:* Dr. F. Clark. *Assistant Managing Director:* R. Turner. *Directors:* G. H. Elliot, Barry E. Sealey, S. W. N. Thomson, M. Wheeler. *Secretary:* D. I. L. Ramage, A.I.C.S. *Production Manager:* R. G. Meadows. *Sales Marketing Manager:* W. A. Murray. *Engineer:* W. Stephen. *Chemist:* A. G. R. McKay. *Buyer:* L. McKenzie.

PARENT COMPANY: *Christian Salvesen (Managers) Ltd.*

SUBSIDIARY COMPANIES: *East Coast Packing Co. Ltd., Aberdeen Canning Co. Ltd., Maconochies of Fraserburgh Ltd.*

BRAND NAMES: *Kingsway, Maconochies, North Cape, Rob Roy.*

PRODUCT: *Fish (Canned).*

## BRITISH FOOD CANNING CO. (PRESTON) LTD.

Brockholes View, Preston, Lancs., PR1 4AR. *T.A.:* "Cannit Preston."
*Tel. Preston* 53935

*Managing Director:* P. Frobisher. *Director and Secretary:* A. Frobisher.

BRAND NAMES: *Herdsman, Pastoral.*

PRODUCT: *Meat Products (Canned).*

## BRITISH PEPPER & SPICE CO. LTD.

86–90, Hermitage Wall, Wapping, London, E1 9LW.
*T.A.:* "Britspice, London, E.1." *Tel.* 01-709 0191.
*Telex:* 885146—Spice London

OTHER FACTORIES: *Manor Lane, Holmes Chapel, Cheshire (Technical Centre). Blisworth Mill, Blisworth, Northants (Herb Cleaning & Processing Plant).*

*Chairman:* N. H. Castle. *Directors:* N. H. Castle, J. A. Hodson, R. E. Bloye, R. R. Varey, R. D. Waterhouse, G. Percival, R. T. Burgess. *Secretary:* R. T. Burgess. *Factory Manager:* D. Fletcher. *Sales Manager:* A. C. W. Underwood. *Engineer:* C. Hardcastle. *Technical Manager:* J. M. Patterson. *Buyer:* F. Lee.

PARENT COMPANY: *S. & W. Berisford/Matthews Holdings Ltd.*

SUBSIDIARY COMPANY: *Cooper & Layman Ltd.*

BRAND NAMES: *Dryfix, Millstone.*

PRODUCTS: *Arrowroot, Condiment (non-brewed), Curry powder, Essences, colours and flavours, Herbs (culinary), Mustard, Spices.*

## BRITISH PRESERVES LTD.

Ellis Ashton Street, Huyton Quarry, Huyton, Liverpool, L36 6BN.
*T.A.:* "Cherries Liverpool."
*Tel.* 051-489 4322. *Telex:* 627034

*General Manager:* R. Mitchell. *Production Manager:* I. McDonald. *Chemist:* L. F. Ellis.

BRAND NAMES: *BPL, Rediflo, Cocktail.*

PRODUCTS: *Cherries (Cocktail), Cherries (Glace), Peel.*

## BRITISH SALT LTD.

Cledford Lane, Middlewich, Cheshire. *T.A.:* "Gatza Middlewich."
*Telex:* 669235. *Tel. Middlewich* (STD 060-684) 2881

*Chairman:* Dr. A. Frankel. *Managing Director:* J. C. Pether. *General Manager:* L. Severn. *Sales Manager:* A. Burt.

PARENT COMPANY: *Staveley Industries Ltd.*

BRAND NAME: *Glacia.*

PRODUCT: *Salt.*

## BRITISH SUGAR CORPORATION LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II, MANUFACTURERS AND REFINERS OF SUGAR*
P.O. Box 26, Oundle Road, Peterborough, PE2 9QU.
*T.A.:* "Sugacrop Peterborough."
*Tel.* (0733) 63171. *Telex:* 32149 and 32273

*Chairman:* Sir Gerald Thorley, T.D. *Chief Executive:* K. C. Sinclair, O.B.E. *Directors:* F. Cator, A. McCorquodale, P. J. Prior, R. K. Rhodes, T. Rodgers, J. St. J. Rootham, O. S. Rose, M.B.E., D. K. H. M. Fox, A. J. F. Brown (*Secretary*). *Chief Sugar Sales Officer:* K. Whyte. *Chief Buyer:* N. A. Young.

BRAND NAME: *Silver Spoon.*

**PRODUCT:** ***Sugar.***

## BRITISH VINEGARS LTD.

87, South Lambeth Road, London, SW8 1RE *Tel.* 01-735 8100

*Chairman:* B. L. Hackforth. *Managing Director:* G. F. Bond. *Directors:* E. E. Chapman, E. C. Chapman, K. C. Meyrick, J. H. McCartney, W. H. Elgood, T. G. Morris, J. Bragan. *Secretary:* B. A. Killick.

SUBSIDIARY COMPANIES: *Holbrooks Ltd., Penistone Pure Malt Vinegar Co. Ltd., Sarsons Ltd., Beaufoy Grimble & Co. Ltd., John Stephens Son & Co. Ltd.*

BRAND NAMES: *Sarsons, Holbrooks, Stephens, Dufrais, Penistone, Chivers Welsh, Grimble's.*

PRODUCT: *Vinegar.*

## BRITISH VITAMIN PRODUCTS LTD.

West House, Broomfield Road, Chelmsford, Essex.
*T.A.:* " Britvic, Chelmsford."
*Tel. Chelmsford* 61871. *Telex:* 99173

FACTORY: *BritviC Works, Widford, Chelmsford, Essex.*

*Chairman:* D. F. Strachan. *Deputy Chairman Chief Executive:* G. E. Inman. *Directors:* H. F. Horton, R. W. Jarred, G. E. V. Martin, W. D. Moon, G. D. Yates, S. J. Neale, R. D. Gilchrist, K. S. Showering. *Secretary:* E. W. Seabright, F.C.I.S.

PARENT COMPANY: *Showerings Ltd.*

SUBSIDIARY COMPANIES: *Britvic Ltd., The House of Macpherson.*

BRAND NAMES: *BritviC, Cherry "B".*

PRODUCTS: *Fruit Juices, Tomato Juice.*

## BRITTON, B. & A., LTD.

Lammas House, Lammas Road, London, E.10.
*T.A.:* "Bandasal, Leyton, E.10." *Tel.* 01-539 0531

*Chairman:* I. J. Llewellyn. *Director & General Manager:* A. J. Jackson. *Directors:* A. F. Dekker, J. E. Cooke. *Secretary:* E. W. Hudson.

PARENT COMPANY: *Associated Fisheries Ltd.*

BRAND NAME: *Tartan.*

PRODUCTS: *Cocktail Sundries, Corn oil (Maize oil), Edible Oil, Fish Products (Quick Frozen), Fish Products (Glass Packed), Olives, Pastes (Fish), Patés, Pickles, Prepared Vegetable Salads, Quick Frozen Crustacea, Quick Frozen Fish, Salad Cream, Sauce (Horse-radish), Sea Food Dressing, Shrimps (Potted).*

**BRITVIC LTD.**

West House, Broomfield Road, Chelmsford, Essex. *Telex:* 99173
*T.A.:* " Britvic, Chelmsford." *Tel. Chelmsford* 61871

*Chairman:* D. F. Strachan. *Deputy Chairman Chief Executive:* G. E. Inman. *Directors:* H. F. Horton, R. W. Jarred, G. E. V. Martin, W. D. Moon, G. D. Yates, S. J. Neale, R. D. Gilchrist, K. S. Showering. *Secretary:* E. W. Seabright, F.C.I.S.

PARENT COMPANY: *British Vitamin Products Ltd. (Showerings Group).*

**BROADHURST & CO. (GADBROOK) LTD.**

Cake and Biscuit Factory, Gadbrook, Northwich, Cheshire, CW9 7RJ.
*Tel. Northwich* 3321

*Chairman and Managing Director:* A. R. Moore. *Directors:* Peter Broadhurst, D. W. Broadhurst, P. L. Canevali. *Secretary:* D. H. Clarke, A.C.M.A. *Buyer:* J. C. Preston.

ASSOCIATED COMPANIES: *Jolly Chefs Foods Ltd., Winton-Smith (Foods) Ltd.*

PRODUCTS: *Biscuits, Cakes, Christmas Puddings, Meat Pies, Preserves.*

**BROOKE BOND LIEBIG LTD.**

Thames House, Queen Street Place, London, EC4R 1DH. *Tel.* 01-248 6422

SUBSIDIARY COMPANIES: *Brooke Bond Oxo Ltd., Liebeg Meat Co. Ltd., Brooke Bond Frozen Foods Ltd., Brown & Knight Ltd., Somerwest Ltd.*

**BROOKE BOND OXO LTD.**

Leon House, Croydon, CR9 1JQ. *T.A.:* "Brookoxo, Croydon."
*Telex:* 264609. *Tel.* 01-686 8899

*Chairman:* P. Sawdy. *Managing Director:* N. Bingham. *Directors:* K. Andrews, D. Barnett, J. Edwards, Robert Hales, D. R. Lewis, I. Moger-Rickwood, N. Parsons, A. Pickett, L. G. Green, A. E. V. Houchen. *Secretary:* G. Rowsell.

PARENT COMPANY: *Brooke Bond Liebig Ltd.*

BRAND NAMES: *Brooke Bond, Brooke Farm, Fray Bentos, Haywards, Oxo.*

PRODUCTS: *Coffee, Fruit (vacuum packed), Meat Extract, Meat Products (canned), Pickles, Stock Cubes, Tea, Vegetables (vacuum packed).*

**BROOKE BOND OXO FROZEN FOODS LTD.**

158-162, Hurlingham Road, London, SW6 3NQ.
*Tel.* 01-736 4411

*Managing Director:* G. Muat. *Directors:* M. Gordon, T. J. McRae, R. J. Hughes. *Secretary:* B. M. Keen.

PARENT COMPANY: *Brooke Bond Liebig Ltd.*

BRAND NAME: *Brooke Farm.*

PRODUCTS: *Meat Products (Quick Frozen), Sausages.*

**BROOKES BAKING CO. LTD.**

Springfield Road, Chelmsford, Essex. *Tel. Chelmsford* 52416

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

### BROOKES, W. J., & SONS LTD.

Park House, 70, Seymour Grove, Old Trafford, Manchester, M16 0LS.
*Tel.* 061-872 3644

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

SUBSIDIARY COMPANIES: *Dytes Ltd., The Home Baking Co. Ltd., The Lancashire Cash Bakery Co. Ltd., J. W. Thompson (Chesterfield) Ltd., Jas. Almond & Sons Ltd.*

BRAND NAMES: *Brookes, Mothers Pride.*

PRODUCTS: *Bread, Cakes, Meat Pies.*

### BROOMFIELD, F., LTD.

100, Blackheath Road, London, SE10 8DD. *Tel.* 01-692 8181
*Managing Director:* P. Stewart. *Directors:* A. D. McGhee, E. J. Newton.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

### BROWN & KNIGHT LTD.

9/10, Lower Marsh, London, SE1 7RJ. *T.A.:* "Provimerch.'
*Tel.* 01-928 6252

OTHER FACTORY: *Oxford Road, Swindon, Wilts.*

*Chairman:* P. Sawdy. *Managing Director:* A. E. Blackmore. *Executive Directors:* W. B. Hooper, R. J. Hughes, J. R. Chandler (*Secretary*). *Production and Factory Manager:* J. C. Hood. *Sales/Marketing Manager:* A. E. Blackmore. *Engineer:* J. Shaw. *Chemist:* R. Brown. *Buyer:* J. Blaxley.

PARENT COMPANY: *Brooke Bond Liebig Ltd.*

SUBSIDIARY COMPANY: *St. Margaret Wiltshire Bacon Factory Ltd.*

BRAND NAMES: *Palace, Banneret, Four Aces.*

PRODUCTS: *Bacon, Meats (Canned), Ham, Meat Products (Open Pack), Sausages.*

### BRYSON, JOHN, (BERWICK) LTD.

Garden Bakery, Ord, Tweedmouth, Berwick-on-Tweed. *Tel. Berwick* 6040

PARENT COMPANY: *Ranks Hovis McDougalls Ltd.*

PRODUCTS: *Bread, Cakes.*

### BULMER, H. P., LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II CIDER MAKERS*

Ryelands Street, Hereford, HR4 0LE. *T.A.:* "Bulmerco, Hereford."
*Tel. Hereford* 6411. *Telex:* 35211

*Chairman and Chief Executive:* Peter J. Prior. *Directors:* B. Bulmer, J. E. Bulmer, D. E. Bulmer, G. M. Bulmer, R. O. Graham, P. A. W. Green, R. G. Hollis, Sir Humphrey Mynors, Bt., D. R. B. Mynors, G. B. Nelson, B. F. Webster. *Secretary:* N. G. U. Morris.

CIDER DIVISION: *Managing Director:* G. B. Nelson. *Director of Sales and Marketing:* R. A. Perks. *Chief Chemist:* Dr. F. J. Buckle. *Factory Manager:* D. Joyce. *General Manager Purchasing:* M. D. Glover.

PECTIN DIVISION: *Managing Director:* B. F. Webster. *General Manager:* H. W. Holmes. *Sales Manager:* A. G. Knight. *Chemist:* J. J. Hyde-Smith.

SUBSIDIARY COMPANIES: *Dent & Reuss Ltd., Rombeluse Ltd., Henry Godwin Ltd.*

BRAND NAMES: *Cidona, Firmajel, Special Cellar, Strongbow, Woodpecker.*

PRODUCTS: *Cider, Fruit Juices, Pectin, Perry.*

## BURGESS, JOHN, & SON LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MANUFACTURERS OF PASTES AND CREAMED HORSERADISH*

Shaftesbury Road, London, N18 1SW T.A. "Gorgona Norphone London." *Tel.* 01-807 3080. *Telex:* 265828

*Chairman:* L. H. Stockwell. *Directors:* K. J. Stockwell, R. D. Hembrow. *Secretary:* R. J. Ashby, A.C.A. *Sales Marketing Manager:* R. D. Hembrow. *Chemist:* G. Brignull, M.Sc.

PARENT COMPANY: *Rayner & Co. Ltd.*

BRAND NAME: *Gorgona.*

PRODUCTS: *Anchovy Products, Cocktail Sundries, Edible Oil, Gravy Browning, Mint Sauce, Pastes (Fish), Rennet, Sauce (Horseradish), Sauce (Tartare), Sauces.*

## BURNETT'S INVERNESS BAKERY LTD.

11, Longman Road, Inverness. *Tel.* 0463 34511

PARENT COMPANY: *Beatties Bakeries Ltd. (Ranks Hovis McDougall Group).*

PRODUCTS: *Bread, Cakes.*

## BURTONS (BLACKPOOL) LTD.

Rishton Street, Blackpool, FY1 4BS. *Tel. Blackpool* 23957

*Chairman:* F. L. Burton. *Directors:* J. Aldred, F.C.A., S. Jones, F. Whittaker. *Secretary:* J. A. Westhead, A.C.I.A., A.C.I.S. *Production Manager:* G. S. Johnson. *Sales/Marketing Manager:* C. D. Copeland.

PARENT COMPANY: *Darbyshire's Prize Bread Co. Ltd.*

PRODUCTS: *Bread. Cakes.*

## BURTON'S GOLD MEDAL BISCUITS LTD.

Quality House, Vicarage Lane, Blackpool, Lancs., FY4 4NQ. *T.A.:* "Quality Blackpool." *Tel. Blackpool* 66188

OTHER FACTORIES: *Quality House, Sighthill, Edinburgh, EH*11 4*HN. Tel.* 031-443 5281. *Weston Road, Slough, SL*1 4*HN. Tel. Slough* 23244. *Llantarnam, Cwmbran, Gwent, NP*4 2*YL. Tel. Cwmbran* 2271.

*Chairman:* G. H. Weston. *Managing Director:* F. Simpson. *Directors:* W. Garfield Weston, L. B. Daw, D. E. Guy, F. A. Smith, A. R. Land, N. V. Denwood, E. J. Holland, R. Cairns.

PARENT COMPANY: *Weston Foods Ltd. (Weston Group).*

PRODUCTS: *Biscuits, Oatcakes, Potato Crisps, Sweets (Liquorice).*

## BURTON'S MODEL BAKERY (HEREFORD) LTD.

Mothers Pride Bakery, Three Elms Road, Hereford. *Tel. Hereford* 6231

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## BUSH BOAKE ALLEN LTD.

**(A Division of Albright & Wilson Ltd.)**

Blackhorse Lane, London, E17 5QP. *T.A.:* " Bubal, London, E17."
*Tel.* 01-531 4211. *Telex:* 897808

*Directors:* Dr. D. A. A. Fagandini (*Managing*), T. S. E. Powell (*Marketing*), R. G. Mason (*Commercial*), J. A. Dean (*Production*), R. V. Thomas (*Finance*), Dr. M. B. Clark (*Personnel*). *Secretary:* C. F. Wright.

PARENT COMPANY: *Albright & Wilson Ltd.*

PRODUCTS: *Essences, Colourings and Flavours, Fruit Juices.*

## BUSWELL FOODS LTD.

Blisworth, Northampton. *Tel.:* 0604 858001

OTHER FACTORIES: No. 1 Factory, Blisworth. *Tel.* 0604 858001. No. 2 Factory, St. Neots. *Tel.* 0480 74573

*Chairman:* M. N. Buswell. *Directors:* E. K. Rice, C. R. Buswell, R. Neuhoff, R. Williams, G. Barcock, A. Bazar, A. Steadman. *Secretary:* J. Carter. *Production Manager:* J. Robinson. *Sales/Marketing Manager:* E. K. Rice. *Engineer:* J. Taylor. *Buyer:* W. McKnight.

PARENT COMPANY: *Dalgety (UK) Ltd.*

BRAND NAME: *Buswell.*

PRODUCTS: *Meat Pies, Meat Products (open pack).*

## CPC (United Kingdom) LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MANUFACTURERS OF CORN OIL & CORNFLOUR*

Claygate House, Littleworth Road, Esher, Surrey, KT10 9PN.
*Tel. Esher* 62181
*Telex:* 27106

FACTORIES: *Paisley, Royal Starch Works.* *Tel.* 041-884 5111. *Manchester, Trafford Park.* *Tel.* 061-872 2571.

*Chairman:* S. R. Brown. *Vice-Chairman:* J. H. Reid. *Managing Director:* W. J. H. Bowden. *Directors:* E. Bromley-Davenport, S. R. Brown, W. Kniep, A. M. Parker, F. Wood, P. M. Ware, M. R. T. Willings. *Secretary:* N. Halsted.

PARENT COMPANY: *CPC International Inc.*

SUBSIDIARY COMPANIES: *Brown & Polson Ltd., Frank Cooper Ltd., Knorr Anglo-Swiss Ltd.*

BRAND NAMES: *Brown & Polson Patent Cornflour, Gerber, Mazola Corn Oil.*

PRODUCTS: *Cornflour, Corn Oil, Custard and Blancmange Powder, Infant Foods, Mayonnaise.*

## CADBURY LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II*
*COCOA AND CHOCOLATE MANUFACTURERS*
*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER*
*COCOA AND CHOCOLATE MANUFACTURERS*

Bournville, Birmingham. *Tel.* 021-458 2000

*Chairman:* D. M. Borland. *Deputy Chairman:* T. J. Organ. *Directors:* M. V. Ashe, G. R. Hughes, W. H. Jones, B. D. Powell, C. A. Scroggs. *Secretary:* D. Tesh.

SUBSIDIARY AND ASSOCIATED COMPANIES: *J. S. Fry & Sons Ltd., James Pascall Ltd.*

BRAND NAMES: *Cadbury, Fry, Murray, Pascall, Bournville, Milk Tray, Roses, Aztec, Contrast, Dairy Milk, Crunchie, Amazin' Raisin, Ice Breaker, Curly Wurly, Old Jamaica, Something Special.*

PRODUCTS: *Chocolates, Sweets (boiled sugar), Sweets (general), Sweets (toffees).*

## CADBURY SCHWEPPES LTD.

1/10, Connaught Place, London, W2 2EX *Tel.* 01-262 1212

*Chairman:* G. A. H. Cadbury. *Managing Director:* B. E. S. Collins. *Vice-Chairmen:* E. G. E. Rayner, J. P. Tustain. *Directors:* T. R. Auchincloss, C. I. Ball, J. T. Beasley, D. M. Borland, J. Forbes, J. P. Gregory, F. Hamer, M.C., A. G. Hipsey, K. A. H. Knight, D.F.C., D. J. Methven, R. N. Wadsworth, W. E. Whitehead, C.B.E., Lord Zuckerman, O.M., K.C.B., F.R.S., Lord Carrington, N. D. Cadbury. *Secretary:* D. A. Simmons.

SUBSIDIARY COMPANY: *Cadbury Typhoo Ltd.*

## CADBURY SCHWEPPES FOODS LTD.

Bournville, Birmingham. *Tel.* 021-458 2000

*Chairman:* N. D. Cadbury. *Deputy Chairman:* K. G. Collyer. *Directors:* M. Farrell, J. C. Harvey, P. D. Kelley, H. Lavery. *Secretary:* D. Tesh.

PARENT COMPANY: *Cadbury Typhoo Ltd.*

SUBSIDIARY AND ASSOCIATED COMPANIES: *Chivers-Hartley Ltd., Wm. P. Hartley Ltd., Wm. Moorhouse & Sons Ltd.*

## CADBURY TYPHOO LTD.

Typhoo Buildings, Bordesley Street, Birmingham, 5. *Tel.* 021-643 9966

*Chairman:* N. D. Cadbury. *Deputy Chairmen:* K. G. G. Collyer, P. D. Kelley. *Directors:* B. E. S. Collins, J. C. Harvey, H. Lavery. *Director and Secretary:* M. Farrell.

PARENT COMPANY: *Cadbury Schweppes Ltd.*

SUBSIDIARY AND ASSOCIATED COMPANIES: *Cadbury Schweppes Foods Ltd., Typhoo Tea Ltd., Kenco Coffee Co. Ltd., Meriden Tea Co. Ltd., Kardomah Ltd.*

BRAND NAMES: *Cadbury's, Chivers, Bournvita, Hartley, Kenco, Kardomah, Moorhouses, Typhoo, Smash, Marvel.*

PRODUCTS: *Biscuits, Cocoa, Coffee, Chocolate (drinking), Fruit (canned), Jellies (table), Milk (instant), Mincemeat, Potato Powder (instant), Preserves, Tea, Vegetables (canned).*

## CADEC LTD.

Rabone Lane, Smethwick, Warley, Worcs., B66 3JG.
*T.A.:* "Cadec Warley."
*Tel.* 021-558 0683

*Joint Managing Directors:* G. King, B. L. Morgan. *Directors:* K. Bedworth, V. M. King. *Secretary:* S. Oldaker.

PRODUCTS: *Almond products, Nut Foods, Nuts (pre-packed), Peanut products.*

## CALLARD & BOWSER LTD.

P.O. Box 35, Silverdale Road, Hayes, Middx., UB3 2BZ.
*T.A.:* "Butterscotch London." *Tel.* 01-848 4611.
*Telex:* 935539.

OTHER FACTORY: *Western Avenue, London, W3 0SJ.* *Tel.* 01-992 2216.

*Chairman:* K. A. Bennett. *Directors:* K. A. Werrell, F. R. Wright, P. D. Waters, D. S. Fawcett, D. J. Jack (*Secretary*).

PARENT COMPANY: *Callard & Bowser, Nuttall Ltd.*

BRAND NAMES: *Best Wishes, Cream Line, Plain Jane, Purple and Gold Juicy Jellies.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (Butter-Scotch), Sweets (Toffees).*

## CALLARD & BOWSER, NUTTALL LTD.

P.O. Box 35, Silverdale Road, Hayes, Middlesex, UB3 2BZ.
*Tel.* 01-573 2201

*Group Board: Chairman:* Sir Richard Levinge. *Managing Director:* K. A. Werrell. *Directors:* K. A. Bennett, T. Holborn, F. R. Wright, W. A. G. Spicer, M. R. Hatfield, D. J. Jack (Secretary).

PARENT COMPANY: *Arthur Guinness, Son & Co. Ltd.*

SUBSIDIARY COMPANIES: *Callard & Bowser Ltd., Nuttall Riley Ltd.*

## CALORVAL LTD.

109/111, Haugh Road, Glasgow, C.3. *T.A.:* "Calorval, Glasgow."
*Tel.* 041-221 5895

OTHER FACTORY: 4, *Piershill Lane, Edinburgh* 8. *Tel.* 031-661 3712.

*Chairman and Managing Director:* A. Jaconelli. *Director and Secretary:* R. E. Merrick. *Factory Manager:* F. Shovelin. *Sales Manager:* R. E. Merrick. *Engineer:* A. Jaconelli. *Buyers:* A. Jaconelli and Mrs. A. O'Donnell.

BRAND NAME: *Calorval.*

PRODUCTS: *Ice Cream, Ice Lollies.*

## CAMPBELL BROTHERS (EDINBURGH) LTD.

Seafield Road East, Edinburgh, EH15 1EF. *Tel.* 031-669 6101

PARENT COMPANY: *D. S. Crawford Ltd.*

PRODUCT: *Meat products (Open pack).*

## CAMPBELL'S SOUPS LTD.

King's Lynn, Norfolk. *T.A.:* " Camellyn Kings Lynn. "
*Telex:* 81136. *Tel. King's Lynn* 5051

*Chairman:* John M. Lindley. *Managing Director:* H. Kitching. *Directors:* D. P. Davison, E. J. Foltz, J. D. Haig, P. Marriage, J. A. McGlinn, Jr. *Joint Secretaries:* R. G. Calder, Jr., H. Kitching. *Sales Director:* R. J. Bell. *Manager, Operations:* B. V. H. Tuttle. *Senior Purchasing Agent:* M. McMahon. *Manager —Personnel and Corporate Relations:* D. Anderson. *Traffic Manager:* L. A. Clark. *Chief Engineer:* H. Hopkin. *Technologist:* I. R. Reid. *Comptroller:* D. G. Plummer.

PARENT COMPANY: *Campbell Soup Company (U.S.A.).*

BRAND NAMES: *Campbell's, V-8 Vegetable Juices, Granny's.*

PRODUCTS: *Soups (Canned), Vegetable Juices, Sauces, Prepared Meals.*

## CANADA DRY (U.K.) LTD.

264, Northfield Avenue, Ealing, London, W5 4UF.
*T.A.:* " Canadri London, W.5." *Tel.* 01-579 1961

FACTORIES: *Winker Green, Stanningley Road, Leeds. Tel. Leeds* 630344. *Thames Road, Crayford, Dartford, Kent. Tel. Crayford* 26561. *The Hyde, Lower Bevendean, Brighton, Sussex. Tel. Brighton* 67077. *Cape Hill Brewery, P.O. Box 27, Birmingham. Tel.* 021-558 1481. *Market Street, Swinton, Mexborough. Tel.* 0709 88 2493.

*Chairman:* D. R. Ledward. *Managing Director:* E. D. R. Mackay. *Directors:* R. M. Griffiths, E. L. Butler, O.B.E., M.C., T.D., D.L., G. Somerville, Lt.-Col. The Lord Fraser of Lonsdale, C.H., C.B.E., A. K. I. Mackenzie-Charrington, T.D., L. Crutchley, F.C.A., R. Lucking. *Secretary:* G. W. Poole. *Production Director:* G. Somerville. *Marketing Director:* M. H. B. McDonald, M.A., M.Sc. *Factory Managers:* T. A. Wilson (*Crayford*), A. Bass (*Leeds*), M. Marchant (*Birmingham*), J. Firth (*Swinton*). *General Sales Manager:* B. A. Boone. *Marketing Manager:* E. M. Hayden. *Engineers:* H. C. Huckett (*Crayford*), P. J. Sane (*Leeds*). *Chemist:* L. G. L. Unstead-Joss.

PARENT COMPANY: *Bass Charrington Ltd.*

BRAND NAMES: *Canada Dry, Brittania, Camwal, Orangillo, Lemonillo, Hooper Struve, Peter Walker.*

PRODUCTS: *Fruit Juices, Soft Drinks, Table Waters.*

## CANTRELL & COCHRANE LTD.

468/472, Castlereagh Road, Belfast, 5.N.I. *T.A.:* "Cantrell Belfast."
*Tel. Belfast* 59335

*Chairman:* R. D. Rolston. *Managing Director:* A. S. B. Geddis. *Directors:* P. M. Hunt, J. Kelly. *Secretary:* A. O'Brien.

PARENT COMPANY: *Cantrell & Cochrane Group Ltd.*

BRAND NAMES: *Club Orange, Club Lemon, Club Soda, C. and C., Club Tonic.*

PRODUCTS: *Fruit Juices, Soft Drinks, Table Waters.*

## CANTRELL & COCHRANE (GREAT BRITAIN) LTD.

Hanworth Road, Sunbury-on-Thames, Middx., TW16 5DA.
*Tel. Sunbury* 85555. *Telex:* 928343

*Chairman:* E. G. E. Rayner. *Managing Director:* G. R. Kewley. *Directors:* J. Birkett, K. A. H. Knight, W. B. J. Crawshay, G. A. Durham, G. Tattersall-Walker, M. B. Phillips (*Secretary*). *Production Manager:* P. J. Allen. *Marketing Manager:* M. Scott. *Engineer:* A. J. Mitchell. *Chemist:* G. A. Hopkins. *Buyer:* J. E. Mills.

SUBSIDIARY COMPANIES: *Cantrell & Cochrane (Southern) Ltd., Cantrell & Cochrane (Northern) Ltd., Aerowata Ltd., Ralph Bell (Wakefield) Ltd., W. H. Thackwray & Co. Ltd.*

BRAND NAMES: *C. & C. Club, Ojo.*

PRODUCTS: *Fruit Juices, Mineral Waters, Soft Drinks.*

## CANTRELL & COCHRANE (SOUTHERN) LTD.

Hanworth Road, Sunbury-on-Thames, Middx., TW16 5DA.
*Tel. Sunbury* 85555. *Telex:* 928347

OTHER FACTORIES: 285/7, *Merton Road, London, S.W.*18. *Tel.* 01-874 6003. *Eastern Avenue, Gloucester. Tel. Gloucester* 25486.

*Chairman:* G. R. Kewley. *Managing Director:* J. Hemmings. *Directors:* D. Currie, M. Fisher, D. Jinks, P. Owen, G. A. Durham, J. G. Clarke, M. B. Phillips (*Secretary*). *Production Manager:* P. J. Allen. *Sales Manager:* R. A. Cowden. *Engineer:* A. J. Mitchell. *Buyer:* J. E. Mills.

PARENT COMPANY: *Cantrell & Cochrane (Gt. Britain) Ltd.*

SUBSIDIARY COMPANY: *Cantrell & Cochrane (Northern) Ltd.*

BRAND NAMES: *C. & C. Club, Orangillo, Lemonillo, Sunjuice, Ojo.*

PRODUCTS: *Fruit Juices, Soft Drinks.*

## CARDONALD FOOD PRODUCTS LTD.

King George V Dock, Glasgow, G51 4SS. *Telex:* 77354. *Tel.* 041-445 2548

*Chairman and Managing Director:* I. Gothe. *Director:* J. Caine. *Secretary:* D. Meikle.

PARENT COMPANY: *Clyde Oil Extraction Ltd.*

BRAND NAMES: *Hyfry, Klydex.*

PRODUCTS: *Cooking Fat, Corn Oil. Edible Oil, Lard.*

## CARDOWAN CREAMERIES LTD.

49, Holywell Street, Glasgow, G31 4BT. *Tel.* 041-554 1137

*Chairman and Managing Director:* A. B. Kyle. *Directors:* J. McCarthy, M. V. Johnston. *Secretary:* Miss M. V. Johnston. *Factory Manager:* A. Thomson.

PRODUCTS: *Cooking Fat, Edible Oil, Margarine.*

## CARLTONA LTD.

Victoria Road, London, N.W.10. *Tel.* 01-965 7811

PRODUCTS: *Arrowroot, Baking Powder, Blancmange Powder, Cake Mixes, Cornflour, Custard Powder, Diabetic Food, Ice-Cream, Jellies (Table), Lemonade Powder, Pudding Mixes, Semolina.*

## CARNATION FOODS CO. LTD.

Carnation House, 11, High Road, London, N2 8AW.
*T.A.:* "Astcarna London N.2."
*Tel.* 01-883 6443

*Chairman:* P. A. O. Barringer. *Managing Director:* A. L. Merry. *Directors:* J. E. Stafford, J. R. Baird, G. D. Vale, J. A. Hamilton, H. L. Lucas. *Secretary:* G. D. Vale. *Factory Manager:* K. Green. *Sales/Marketing Manager:* J. A. Hamilton. *Engineer:* W. G. Grierson. *Buyer:* J. H. Cooper.

FACTORY: *Carnation Condensery, Dumfries. Tel. Dumfries* 4377.

PARENT COMPANY: *Carnation Co. (U.S.A.) (International Division).*

ASSOCIATED COMPANY: *General Milk Products Ltd.*

BRAND NAMES: *Carnation, Coffee-Mate.*

PRODUCTS: *Coffee creamer (non-dairy), Milk (Evaporated and Condensed).*

## CARRICK'S (CATERERS) LTD.

P.O. Box 1.D.D., Ponteland Road, Cowgate, Newcastle upon Tyne, NE99 1DD. *Tel. Newcastle upon Tyne* 869044

*Chairman:* W. Garfield Weston. *Directors:* K. J. Wroe, F. P. Acres, J. U. Scott.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## CARR'S FLOUR MILLS LTD.

**Stanwix, Carlisle.** ***Tel. Carlisle*** 28291

MILL: *Solway Mills, Silloth. Tel. Silloth* 661.

*Chairman:* Ian C. Carr. *Managing Director:* Ronald L. Naylor. *Directors:* J. R. Crawford, A. Matthew, S. P. Smith, J. V. Robinson. *Secretary:* G. V. Bennett. *Production Manager and Factory Manager:* Ronald L. Naylor. *Sales Managers:* Ian C. Carr, A. Matthew. *Engineer:* J. R. Walton. *Chemist:* J. V. Robinson. *Buyer:* J. Clark.

PARENT COMPANY: *Carr's Milling Industries Ltd.*

BRAND NAMES: *Solray Self-Raising Flour, C.C. Flour, Ideal Farm Food.*

PRODUCTS: *Flour, Flour (Malted), Flour (Self-Raising), Semolina.*

## CARRS OF CARLISLE LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II BISCUIT MANUFACTURERS*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER BISCUIT MANUFACTURERS*

54, Church Street, Carlisle. *T.A.:* " Carr Carlisle." *Tel.* 0228 24431
*Telex:* 64174

FACTORY: *The Biscuit Works, Carlisle. Tel. Carlisle* 24431.

PARENT COMPANY: *United Biscuits Ltd.*

PRODUCT: *Biscuits.*

## CARTER'S GOLD MEDAL SOFT DRINKS LTD.

Sawley, Notts., NG10 6AW. *T.A.:* " Carters Sawley Nottingham." *Tel:* Long Eaton (060 76) 5161. *Telex:* 377331

*Chairman:* A. Marmont. *Managing Director:* D. English. *Financial Director:* J. Startin. *Directors:* W. L. Fletcher, R. L. Marmont, Mrs. J. Y. Chell, Mrs. M. E. Marmont, R. J. Brooks. *Factory Manager:* K. Allen. *Sales/Marketing Manager:* B. Coxon. *Chemist:* Mrs. B. Bryce. *Buyer:* Mrs. J. Gamble.

BRAND NAMES: *Carters, Naranga, English Royal, Top Ten, Sunspel.*

PRODUCTS: *Soft Drinks, Table Waters.*

## CAVAGHAN & GRAY LTD.

Harraby Factory, Carlisle. *T.A.:* " Quality Carlisle." *Tel. Carlisle* 24451

*Chairman:* H. D. Cavaghan. *Managing Director:* A. D. B. Duff. *Directors:* E. H. J. Lowe, A. H. Sanderson, J. J. B. Seery, M. B. Cavaghan. *Secretary:* J. Hogarth. *Factory Managers:* E. Dodd, P. T. H. Osborne, M. J. T. Toole. *Engineer:* A. Beaty. *Chemist:* Mrs. B. Percival. *Buyer:* J. F. Mitchell.

ASSOCIATED COMPANY: *Chicpak Ltd.*

BRAND NAME: *Cavray.*

PRODUCTS: *Bacon, Ham, Lard, Meat Pies, Meat Products (Open Pack), Quick Frozen Poultry, Sausages.*

## CAVENHAM CONFECTIONERY LTD.

Greenbank, Bristol, 5. *T.A.:* " Chocolates Bristol." *Tel.* 0272 56021

*Managing Director:* B. Whitesmith. *Directors:* K. A. F. Edwards, B. J. Miller, J. Greenhalgh, M. L. Haynes, P. M. Ohlson, R. Wallace. *Secretary:* K. H. Riley.

PARENT COMPANY: *Cavenham Ltd.*

SUBSIDIARY COMPANIES: *Fillerys Toffees Ltd., S. Parkinson & Son (Doncaster) Ltd., Walters "Palm" Toffee Ltd., Elizabeth Shaw Ltd., Carsons (Holdings) Ltd., Arthur Holland Confectionery Ltd.*

BRAND NAMES: *Goodies, Selesta, Carsons, Fillerys, Parkinsons, Elizabeth Shaw, Palm, Hollands, Famous Names.*

PRODUCTS: *Chocolates, Chocolates (liqueur), Sweets (boiled sugar), Sweets (toffee).*

## CAVENHAM LTD.

By-Pass Road, Colnbrook, Buckinghamshire. *Tel.* 01-964 4411

*Chairman:* J. M. Goldsmith. *Deputy Chairman:* Baron Alexis de Gunzburg. *Managing Director:* J. Greenhalgh. *Directors:* L. J. Ross, M. L. Haynes, B. J. Callaway, Count Thierry de Clermont-Tonnerre, M. J. Condon, J. Wood, J. H. Maude-Roxby, P. D. Hill-Wood, P. E. Franklin. *Secretary:* K. H. Riley.

SUBSIDIARY COMPANIES: *Allied Suppliers, Elizabeth Shaw Ltd., Slimcea Ltd. (formerly Procea Products), Cavenham Confectionery Ltd., Bovril Ltd.*

## CELIA PRODUCTS (HULL) LTD.

Oxford Street, Hull, Yorks., HU2 0QS. *Tel.* 0482 27261

*Managing Director:* E. A. Hickson. *Secretary:* J. S. Lines.

PARENT COMPANY: *The Humber Pickle Co. Ltd.*

BRAND NAME: *Celia.*

PRODUCTS: *Fruit (Bottled), Pickles, Vinegar, Corn Oil (Maize Oil), Edible Oil.*

## CEREBOS

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II SUPPLIERS OF TABLE SALT AND PEPPER*

*(see RHM Foods Ltd.)*

## CHAMBOURCY DAIRY PRODUCTS LTD.

36, Park Street, Croydon, Surrey, CR9 1TT *Tel.* 01-686 4316
*Telex:* 946582

*Chairman:* J. Benoit. *Managing Director:* A. P. Rostand. *Directors:* B. L. Hackforth, R. A. Wilson, J. R. Prout, G. A. Raffe. *Secretary:* K. C. Westwood.

PARENT COMPANY: *The Nestlé Co. Ltd.*

PRODUCTS: *Butter, Cheese, Dessert Mixes, Pasta Products, Yoghurt.*

## CHAPMAN & DUNN LTD.

Avana Buildings, Pendyris Street, Cardiff, Glam. *T.A.:* "Avana Cardiff."
*Tel. Cardiff* 25521

OTHER FACTORY: *Wern Trading Estate, Rogerstone, Monmouthshire.*

*Directors:* D. A. Burford, Sir Julian Hodge, J. R. Taylor. *Secretary:* T. H. J. Barrett, F.C.A.

PARENT COMPANY: *Avana Group Ltd.*

PRODUCTS: *Cakes, Cake Mixes.*

## CHEESE STRAWS (CHEDDAR) LTD.

Tweentown, Cheddar, Somerset. *Tel. Cheddar* 742 538

*Chairman:* E. Leigh Pearson. *Director:* A. A. Brain. *Secretary:* H. Shore. *General Manager:* R. J. Harrill. *Buyer:* R. J. Harrill.

BRAND NAMES: *Cheddar Cheese Straws, Castle Rock Brand.*

PRODUCTS: *Biscuits, Cheese Straws, Pickles.*

## CHIBNALL'S BAKERIES LTD.

Springfield Road, Hayes, Middx., UB4 0LH. *Tel.* 01-573 3601

*Chairman:* W. Garfield Weston. *Directors:* F. G. Jennings, J. K. Rhodes, K. C. Downham.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## CHILTONIAN LTD.

Manor Lane, London, SE12 0TY. *Tel.* 01-852 3333

*Chairman:* W. Ware. *Managing Director:* A. H. King. *Directors:* R. A. D. Carnegie, H. D. King, J. Fisk, D. J. Manley.

PARENT COMPANY: Ware Carnegie Ltd.

BRAND NAME: *Chiltonian.*

PRODUCT: *Biscuits.*

## CHIPMUNK LTD.

Edinburgh House, Abbey Street, Market Harborough, Leics., LE16 7NT.
*Tel. Mkt. Harborough* 4771

FACTORY: *Long Buckby, Rugby, Warwicks.* *Tel. Long Buckby* 434.

*Chairman and Managing Director:* T. G. Sharman.

PARENT COMPANY: Golden Wonder Ltd.

**BRAND NAME:** ***Chipmunk.***

PRODUCTS: *Potato Crisps, Snack Products.*

## CHIVERS & SONS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II PURVEYORS OF JAMS, JELLIES AND ENGLISH CANNED FRUITS AND VEGETABLES*

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH THE QUEEN MOTHER PURVEYORS OF CHRISTMAS PUDDINGS*

(*See Cadbury Typhoo Ltd.*)

## CHOCOLAT TOBLER MELTIS LTD.

Miller Road, Bedford. *T.A.:* "Tobmel, Bedford."
*Tel. Bedford* 55141. *Telex:* 82118

*Chairman:* Richard P. Carr, M.B.E., M.C. *Deputy Chairman:* Jean L. A. A. Bés (*French*). *Managing Director:* John H. Bayfield, M.B.E. *Directors:* Christopher B. Barber, F.C.A., Leslie Cork. *General Manager and Secretary:* H. C. A. Armstrong, F.C.A. *Production Manager:* D. J. Jones. *Factory Manager:* R. W. Savage. *Sales and Marketing Manager:* R. C. Knowles. *Engineer:* L. R. Appleby. *Technical Manager:* E. W. Billers.

PARENT COMPANIES: *Associated Biscuit Manufacturers Ltd. & Interfood S.A., Lausanne.*

BRAND NAMES: *Meltis, New Berry Fruits, Tobler, Toblerone, Old Master.*

PRODUCTS: *Chocolates, Chocolates (liqueur), Sweets (general).*

## CHRISTIES OF PERTH LTD.

Kinnoull Bakery, Dunkeld Road, Perth. *Tel. Perth* 22107

PARENT COMPANY: *D. S. Crawford Ltd.*

PRODUCTS: *Bread, Cakes, Shortbread.*

## CHRISTOFER BELL LTD.

Tower Road North, Warmley, Nr. Bristol, BS15 2XT. *Tel. Bristol* 671331

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## CITY BAKERIES LTD.

180, Glentanar Road, Glasgow, G22 7UP. *Tel.* 041-336 5345

*Directors:* F. P. Acres, G. Craig, J. C. Allison, G. B. O. Gordon, D. May.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes, Shortbread.*

## CLARK'S BAKERIES (FINCHLEY) LTD.

The Walks, Park Road, London, N.2. *Tel.* 01-883 9811
PARENT COMPANY: *Ranks Hovis McDougall Ltd.*
PRODUCTS: *Bread, Cakes.*

## CLARK'S BAKERIES (HACKBRIDGE) LTD.

Hackbridge Mills Estate, Hackbridge, Surrey. *Tel.* 01-669 4455
PARENT COMPANY: *Ranks Hovis McDougall Ltd.*
PRODUCTS: *Bread, Cakes.*

## CLARK'S BREAD CO. LTD.

Goldstone Bakeries, Newtown Road, Hove, Sussex, BN3 7BY
*Tel. Hove* 733543
*T.A.:* " Clarks Bakeries Hove "

*Chairman:* J. C. J. Clark. *Managing Director:* I. Record. *Directors:* R. J. Clark, I. C. Gillespie-Smith, M. Nelmes-Crocker, A. Record, J. C. Smith. *Secretary:* L. H. Davies. *General Manager:* P. Hilditch. *Production Manager:* M. Hutchinson. *Sales/Marketing Manager:* J. Calvert.

PRODUCTS: *Bread, Cakes, Flour Confectionery (quick frozen).*

## CLARKS CEREAL PRODUCTS LTD.
**(see House of Clarks Ltd.)**

## CLARKE, R. H., LTD.

Waveney Mills, Southtown, Gt. Yarmouth, Norfolk.
*Tel. Great Yarmouth* (0493) 55597

*Chairman and Managing Director:* Bryan C. Read. *Directors:* D. W. Sutherland, F. F. Fox. *Secretary:* J. P. Cory. *Mill Manager:* J. P. Cory.

PRODUCTS: ***Flour, Macaroni Products, Semolina.***

## CLOVER DAIRIES LTD.

London House, Hide Street, Stoke-on-Trent, ST4 1QL.
*Tel. Stoke-on-Trent* 44851

OTHER FACTORIES: *Willoughby-By-Alford, Lincs., LN*13 9*NA. Tel. Willoughby* 205. *Charles Street, Hull, HU*2 8*EJ. Tel. Hull* 29918. *Victoria Street, Grimsby, DN*31 1*PW. Tel. Grimsby* 57431. *Kettering Road, Scunthorpe, Lincs., DN*16 1*HU. Tel. Scunthorpe* 61221. *Wellesley Street, Shelton, Stoke-on-Trent, ST*1 4*NT. Tel. Stoke* 23669. *Eastern Avenue, Gloucester, GL*4 7*DR. Tel. Gloucester* 21351. *Tates Ltd., Laceby, Lincs., DN*37 7*DN. Tel. Grimsby* 58481.

*Chairman and Managaing Director:* R. King. *Directors:* Thomas Neville Stephenson, Robert Middleton, H. Brown, H. Webster, E. B. King, E. G. Cox. *Secretary:* W. F. Myers.

SUBSIDIARY COMPANIES: *Clover Dairies (Gloucester) Ltd., Clover Dairies (Staffs.) Ltd., Tates Ltd., Robert Hawkshaw Ltd., Scott Simpson & Co. Ltd., Cowburns Ltd., T. & W. Cheetham (Minerals) Ltd., Leonard Goddard & Son Ltd.*

BRAND NAMES: *Clover (Sterilised Milk), Sunfed (Pasteurised Milk).*

PRODUCTS: *Milk Powder, Milk (Sterilised), Soft Drinks.*

## CLYDE CONFECTIONS

Watt Road, North Hillington, Glasgow, G52 45D.
*T.A.:* "Tofymints, Glasgow." *Tel.* 041-882 1406

*General Managers:* J. H. Gibb, W. L. Gibb.

PARENT COMPANY: *Drysdale & Gibb Ltd.*

**BRAND NAME:** ***Tofymints.***

PRODUCT: *Sweets (General).*

## COATES GAYMERS LTD.

Kilver Street, Shepton Mallet, Somerset. *Tel. Shepton Mallet* 3333
*Telex:* 44209

*Chairman:* F. E. Showering. *Deputy Chairman:* R. H. Whiteway. *Managing Director:* D. Stuart Todd. *Directors:* W. C. C. Gaymer, E. D. Clapp, S. J. Neale. *Secretary:* E. W. Seabright.

PARENT COMPANY: *Showerings Ltd.*

BRAND NAMES: *Coates Cider, Coates Somerset, Festival Vat, Triple Vintage.*

PRODUCT: *Cider.*

## COCA-COLA BOTTLERS (SCOTLAND & NORTHERN) LTD.

Cranmore Boulevard, Shirley, Solihull, Warwicks. *Tel.* 021-745 3211

OTHER FACTORIES: *Charnock Road, Fazakerley, Liverpool,* 9. *Tel.* 051-525 3381. *Grangefield Trading Estate, Pudsey, Yorks. Tel.* 09735 78050. *Vicars Lane, Newcastle upon Tyne. Tel. Newcastle* 663166. *Ty-Glas Avenue, Llanishen, Cardiff. Tel.* 0222 751281. *Argus Estate, Boydstone Road, Thornliebank, Glasgow. Tel.* 041-638 6531. 181, *Cleptington Road, Dundee, Angus. Tel.* 0382 87550.

*Chairman:* W. J. Sullivan. *Managing Director:* F. L. Sanders, F.C.A. *Directors:* T. A. Scrutton, B. M. Heald, W. Henderson, A. McLachlan, A. Bean. *Secretary:* W. Beaumont, F.C.I.S.

PARENT COMPANY: *Beecham Group Ltd.*

BRAND NAMES: *Coca-Cola, Fanta, Tab.*

PRODUCT: *Soft Drinks.*

## COCA-COLA SOUTHERN BOTTLERS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II SUPPLIERS OF SOFT DRINKS*

St. John's Road, Isleworth, Middx., TW7 6PF. *Tel.* 01-560 7061

OTHER FACTORIES: *London,* 763, *Harrow Road, Willesden. Tel.* 01-969 1181. 40, *Loampit Vale, Lewisham. Tel.* 01-852 9978. *Bilton Way, Brimsdown, Enfield. Tel.* 01-804 4143. *Ullswater Crescent, Marlpit Lane, Coulsdon. Tel.* 01-668 8136. *Bristol: Emery Road, Brislington Trading Estate. Tel.* 0272 79501. *Southampton: Millbrook Trading Estate. Tel.* 0503 775251. *Heathfield Industrial Estate, Heathfield, Newton Abbot, Devon. Tel.* 062-683 2661. *Norwich: Vulcan Road South, Norwich NOR 05B. Tel.* 0603 49437.

*Chairman:* C. B. Longhurst. *Managing Director:* W. T. Riley. *Marketing Director:* P. Anderson. *Production Director:* M. R. Gaines. *Secretary:* R. H. Newson. *General Sales Manager:* A. H. Geffert.

PARENT COMPANY: *Watney Mann Ltd.*

BRAND NAMES: *Coca-Cola, Fanta.*

PRODUCT: *Soft Drinks.*

## COLMAN FOODS

Carrow, Norwich, NR1 2DD.
*Tel.* 0603 60166
*Telex:* 97483

*Managing Director:* M. H. How. *Directors:* E. J. Abbs, A. C. Bambridge, K. N. Clare, P. S. O. Durrant, P. M. Merttens, C. J. Poole, T. I. E. Shircore. *Secretary:* P. M. Merttens.

PARENT COMPANY: *Reckitt & Colman Products Ltd.*

BRAND NAMES: *Colman's, Gale's, Jif (Lemons), O.K., Robinson's, Tom Caxton.*

PRODUCTS: *Beverages, Fruit Syrups, Honey, Infant Foods, Lemon Curd, Mint Jelly, Mint Sauce, Mustard (powder), Mustard (prepared), Peanut Products, Prepared Meals, Preserves, Sauce (Horseradish), Sauce (Tartare), Sauce Mixes, Sauces, Semolina, Soft Drinks.*

## COMPASS HOUSE LTD.

Riby Street, Grimsby, Lincolnshire, DN31 3HG.
*T.A.:* " Compass Grimsby."
*Tel.* 0472-57441. *Telex:* 52287

*Chairman:* H. L. Cohen. *Managing Director:* J. F. Smith. *Directors:* C. C. Benmore, F. F. Smith, G. V. Wade. *Secretary:* R. O. Chatburn. *Production Managers:* S. I. Gilby and I. Wright. *Factory Manager:* D. Maudson. *Sales Marketing Manager:* E. W. Jones. *Engineer:* A. Hopkins. *Buyer:* A. A. Carr.

PARENT COMPANY: *Sale Tilney & Co. Ltd.*

SUBSIDIARY COMPANY: *Karricold Ltd.*

ASSOCIATED COMPANY: *Peabody Foods Ltd.*

BRAND NAMES: *Compass House, Donald Duck, Dantrout.*

PRODUCTS: *Boil-in-the-bag Foods, Cream (Quick Frozen), Crustacea (Quick Frozen), Fish (Quick Frozen), Fish Cakes, Fish Products (Quick Frozen), Fruit (Quick Frozen), Fruit Concentrates (Quick Frozen), Ice Cream, Ice Cream (Dairy), Meat (Quick Frozen), Meat Pies, Meat Products (Quick Frozen), Mousse, Pastry (puff), Pastry (Quick Frozen), Pastry (short), Potato Products (Quick Frozen), Poultry (Quick Frozen), Prepared Meals (Quick Frozen), Sausages (Quick Frozen), Shrimps (Potted), Vegetables (Quick Frozen).*

## COOK, DONALD, & SON LTD.

13, West Smithfield, London, E.C.1. *Tel.* 01-248 1212

FACTORY: 8, *Clenchwarton Road, West Lynn, King's Lynn, Norfolk. Tel. Kings Lynn* 3977.

PRODUCTS: *Fruit (canned), Vegetables (canned).*

## COOKE, TWEEDALE & LINDSAY LTD.

840, Chester Road, Stretford, Manchester, M32 0QJ. *Tel.* 061-865 6171
*T.A.:* " Aromatic Manchester "

*Chairman:* E. S. Tweedale. *Managing Director:* J. V. Lindsay. *Director:* R. D. Lindsay. *Director and Secretary:* Miss M. Holland. *Factory Manager:* J. Branagan.

PRODUCTS: *Essences, Colourings and Flavours, Fruit Juices.*

## COOKSON, E., & SONS LTD.

Exhibition Bakery, Preston Road, Lytham St. Annes, Lancs, FY8 5AD.
*Tel. Lytham* 4131

*Directors:* T. H. W. Scott, H. Grundy, R. J. Pantlin.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## COOMBE BAKERY LTD.

Gould Road, Twickenham, Middx., TW2 6RT. *Tel.* 01-894 2121

*Directors:* W. Garfield Weston, A. O. McGhee, E. J. Newton, P. W. W. Carnell.

PARENT COMPANY: *Associated British Foods Ltd.* (*Weston Group*).

PRODUCTS: *Bread, Cakes.*

## COOPER, FRANK, LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MARMALADE MANUFACTURERS*

Claygate House, Esher, Surrey, KT10 9PN. *Tel. Esher* 62181

OTHER FACTORY: *Paisley, Renfrewshire.* *Tel.* 041-884 5111

*Chairman:* J. H. G. Reid. *Directors:* W. J. H. Bowden, A. M. Parker. *Secretary:* N. Halsted.

PARENT COMPANY: *CPC* (*United Kingdom*) *Ltd.*

BRAND NAMES: *Oxford, Vintage.*

PRODUCTS: *Diabetic Fruits and Preserves, Marmalades, Mint Jelly, Mint Sauce, Preserves, Sauce* (*Horseradish*), *Soups* (*canned*).

## CO-OPERATIVE WHOLESALE SOCIETY LTD.

New Century House (P.O. Box 53), Manchester M60 4ES. *Tel.* 061-834 1212

*Chief Executive Officer:* Arthur Sugden. *Deputy Chief Executive:* D. M. Landau. *Food Controller:* P. H. Gray.

PLANTS: *Aberdeen, Bladnoch, Wigtownshire, Bristol, Congleton, Corwen, Fole* (*Staffs.*), *Glasgow, Harlow, Leith, Llandyrnog, Llangadog, London, Lowestoft, Manchester, Middleton* (*Lancs.*), *Newcastle-upon-Tyne, Nottingham, Paisley, Stockport, Stranraer, Wigtownshire, Sutton Coldfield, Taffs Well* (*Glam.*), *Tullygoonigan* (*N. Ireland*), *Workington* (*Cumberland*).

BRAND NAME: *Co-op.*

PRODUCTS: *Almond Products, Bacon, Baked Beans* (*Canned*), *Beverages, Biscuits, Breakfast Cereals, Butter, Cake Mixes, Cheese, Cheese* (*Processed*), *Cheese Spread, Christmas Pudding, Coffee, Condiment* (*non-brewed*), *Cooking Fat, Cornflour, Corn Oil* (*Maize Oil*), *Cream* (*Canned*), *Curry Powder, Custard and Blancmange Powder, Diabetic Food, Edible Oil, Fish* (*Canned*), *Fruit* (*Canned*), *Fruit* (*Dried*), *Fruit juices, Gravy Browning, Ham, Herbs* (*Culinary*), *Honey, Instant Pie Fillings, Jellies* (*Table*), *Lard, Lemon Curd, Macaroni Products, Margarine, Meat Products* (*Canned*), *Meat Products* (*in glass*), *Milk* (*Evaporated and Condensed*), *Milk Foods, Milk Powder, Milk* (*Sterilised*), *Mincemeat, Mustard, Oatmeal, Oats* (*rolled*), *Pastes* (*Fish*), *Pastes* (*Meat*), *Peanut Products, Pearl Barley, Peas, Beans, Lentils* (*Dried*), *Peel, Pickles, Preserves, Pudding Mixes, Puddings* (*Canned*) *Milk, Puddings* (*Canned*) *Sweet, Salad Cream, Salt, Sandwich Spreads, Sauces, Semolina, Soft Drinks, Soup* (*Canned*), *Spaghetti* (*Canned*), *Spices, Stuffing, Suet* (*Shredded*), *Sugar, Sweets* (*Boiled Sugar*), *Sweets* (*General*), *Sweets* (*Liquorice*), *Sweets* (*Toffees*), *Table Waters, Tapioca, Tea, Vegetables* (*Canned*), *Vinegar, Yoghurt.*

## CORNICK, W. G. & F. S., LTD.

Barrack Street, Bridport, Dorset. *Tel. Bridport* 2509

*Chairman and Managing Director:* F. S. Cornick *Director and Secretary:* D. Cornick.

PRODUCTS: *Fruits* (*Bottled*), *Jellies, Mincemeat, Preserves, Sauces, Soft Drinks.*

## CORONA SOFT DRINKS
## (A branch of Beecham Group Ltd.)

Beecham House, Brentford, Middx., TW8 9BD. *Tel.* 01-560 5151. *Telex:* 22743

FACTORIES: *Bolton, Bristol, Cardiff, Chesterton, Exeter, Finchley, New Eltham, Norwich, Peterborough, Reading, Southampton, Swansea, Tamworth, Wandsworth, Worcester.*

*Chairman:* R. E. Newman. *Managing Director:* L. J. V. Warren. *Directors:* D. J. Connolly, C. J. Pullen. *Secretary:* W. Beaumont, F.C.I.S. *Buyer:* B. J. Llewellyn.

PARENT COMPANY: *Beecham Group Limited.*

ASSOCIATED COMPANIES: *Coca-Cola Bottlers (Scotland & Northern) Ltd., Gould Hibberd & Randall Ltd., Downward Qualtrough Ltd., Horlicks Farms & Dairies Ltd., Beecham Foods.*

BRAND NAMES: *Corona, Hunts, Idris, Tango.*

PRODUCTS: *Soft drinks, Fruit Juices.*

## COUNTRY KITCHEN FOODS LTD.

Churchill, Somerset, BS19 5NU.
*Tel. Churchill* 751. *Telex:* 449305 *Mushroom Brstol.*

*Chairman:* E. Abbott Johnson (U.S.A.). *Managing Director:* W. B. Dunn, B.Sc.Eng. *Directors:* D. N. Locke, M.I.M., J. D. Shaw, F.C.A., A.C.W.A., W. M. Towers (U.S.A.), C. Clarke, B.Sc. *Secretary:* K. J. Hoult.

PARENT COMPANY: *Clorox Company.*

SUBSIDIARY COMPANY: *Wrington Vale (Ipswich) Ltd.*

BRAND NAMES: *Country Kitchen, Morny, Orchardlea, Satin Lady.*

PRODUCT: *Mushrooms (Canned).*

## COUNTRY MAID BAKERIES LTD.

Chester Road, Saltney Ferry, Chester, CH4 8RN. *Tel. Chester* 48081

*Directors:* W. Garfield Weston, T. H. W. Scott, W. A. Fletcher, R. J. Pantlin.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

BRAND NAME: *Country Maid Bread.*

PRODUCTS: *Bread, Cakes, Flour.*

## COUNTRY RANGE LTD.

Mill Lane Estate, Alton, Hampshire, GU34 2QF. *Tel. Alton* (0420) 83650

*Chairman:* G. Jackson. *Directors:* M. C. Jones, M. W. Rix, R. Forshaw (*Secretary*).

PRODUCTS: *Meat products (quick frozen), Poultry (quick frozen).*

## COUNTY FAIR FOODS LTD.

Station Avenue, Walton-on-Thames, Surrey. *Tel.* Walton-on-Thames 28888

*Chairman:* K. J. B. Webb. *Directors:* A. H. Falls, K. Jacobs, P. R. Kemp (General Manager), H. A. Miller, S. P. Norman.

PARENT COMPANY: Birds Eye Foods Ltd.

PRODUCTS: Desserts (quick frozen), Fish (quick frozen), Meat (quick frozen), Poultry (quick frozen), Vegetables (quick frozen).

## COW & GATE LTD.

Trowbridge, Wilts. *Tel. Trowbridge* 3611. *Telex:* 44149.

*Directors:* L. M. Price, P. P. Turnbull, A. W. John, C.B.E., I. S. Barter, F. A. Plumbe, M. B. Evanson, D. W. Hall, R. I. H. Baker. *Secretary:* M. J. Hodder.

PARENT COMPANY: *Unigate Ltd.*

BRAND NAME: *Cow & Gate.*

PRODUCT: *Infant and Invalid Foods.*

## CRANFIELD BROTHERS LTD.

P.O. Box 6, Dock Roller Mills, Ipswich, IP4 1DB. *Tel. Ipswich* 52101

*Managing Director:* P. A. Wilks. *Directors:* P. B. Wood, L. G. Goldsmith, P. Davies, R. J. R. Armstrong. *Secretary:* F. G. Stevens. *Sales Marketing Manager:* S. T. Powell. *Engineer:* P. Niccolls. *Chemist:* M. Curtis.

PARENT COMPANY: *Associated British Foods Ltd.*

SUBSIDIARY COMPANIES: *Betabake (Anglia) Ltd., Betabake (Kent) Ltd., Betabake (Essex) Ltd., Harringtons (Hayes) Ltd., C. Hyde & Son Ltd.*

BRAND NAMES: *Golden Seal, Silver Seal, Rising Sun, Invincible Wheat Meal.*

PRODUCTS: *Bread, Flour, Flour (Self raising), Flour (Confectionery).*

## CRAVEN, M.A., & SON LTD.

Candyland, York. *T.A.:* "Cravens York."
*Telex:* 57748. *Tel. York* 72121

*Chairman:* I. M. Horsley. *Managing Director:* E. Kramer. *Directors:* D. O. H. Horsley, E. B. Burstall, E. F. Barker, L. J. Broadhurst, J. Moonie. *Secretary:* J. Moonie. *Production Manager:* E. F. Barker. *Sales Marketing Manager:* C. S. Sproat. *Engineer:* J. G. Selby. *Chemist:* P. R. Relton. *Buyer:* D. Atkinson.

SUBSIDIARY COMPANY: *Marianne Confectionery Co. Ltd.*

BRAND NAMES: *Cravens Original French Almonds, Best English Mints, Mary Ann Toffee.*

PRODUCTS: *Almond Products, Sweets (Boiled Sugar), Sweets (General), Sweets (Liquorice), Sweets (Toffees).*

## CRAWFORD, D. S., LTD.

Wardieburn House, 496, Ferry Road, Edinburgh, EH5 2DL.
*Tel.* 031-552 3226

FACTORIES: *Elbe Street, Leith, Edinburgh. Tel.* 031-554 6651. *Inchyra Road, Grangemouth. Tel. Grangemouth* 3778. *Simonside Industrial Estate, South Shields. Tel. South Shields* 63276.

*Chairman:* Sir Douglas I. Crawford, C.B., D.S.O. *Managing Director:* J. M. B MacMillan, M.C. *Director:* H. Laing. *Secretary:* M. A. Power, A.C.A.

PARENT COMPANY: *United Biscuits Ltd.*

SUBSIDIARY COMPANIES: *Montgomerie & Co. Ltd., and subsidiaries.*

PRODUCTS: *Bread, Cakes.*

## CRAWFORD, WM., & SONS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II BISCUIT MANUFACTURERS*

PARENT COMPANY: *United Biscuits Ltd.*

PRODUCTS: *Biscuits, Shortbread.*

## CREAMOLA FOOD PRODUCTS LTD.

114, Cornwall Street, Glasgow, G41 1AB *T.A.:* "Creamola Glasgow." *Tel.* 041-427 1241

FACTORY: Creamola Works, Glasgow, S.1. *Tel.* 041-427 1241.

*Chairman:* W. S. Porteous. *Directors:* P. A. Hewitt, N. F. Robinson, T. C. Coutts. *Secretary:* T. Copley.

PARENT COMPANY: *Rowntree Mackintosh Ltd.*

BRAND NAME: *Creamola.*

PRODUCTS: *Blancmange Powder, Cake Mixes, Custard Powder, Dessert Powder, Lemonade Powder, Pudding Mixes.*

## CREMANAZE SALADS LTD.

56-60, New Cross Road, London, S.E.14. *Tel.* 01-639 6671

*Managing Directors:* A. K. Paine, P. T. Paine. *Director:* R. Willis. *Secretary:* P. Leng. *Production Manager:* P. T. Paine. *Sales Manager:* A. K. Paine. *Buyer:* R. Willis.

PRODUCTS: *Salad Cream, Sauces, Soft Drinks.*

## CRESTONA LTD.

P.O. Box 2, Eastgate, Worksop, Notts., S80 1RJ.
*Tel. Worksop* 2555 & 2216

*Chairman and Managing Director:* A. Green. *Directors:* O. C. Cross, S. T. Jones (Sales). *Secretary:* O. C. Cross. *Production Manager:* C. Mellars. *Factory Manager:* D. Grocock. *Buyer:* J. Barran.

PARENT COMPANY: *Smiths Flour Mills Ltd.*

BRAND NAMES: *Crestona, Frizets.*

PRODUCTS: *Cake Mixes, Cherries (Glacé), Christmas Pudding, Cornflour, Custard Powder, Flour, Flour (Self-Raising), Fruit (Dried), Oatmeal, Pastry (Puff), Pea Flour, Pearl Barley, Peas (Dried), Peel, Semolina, Tapioca.*

## CRIMONY CO. LTD.

183, Heath Road, Twickenham, Middx., TW1 4BL
*T.A.:* "Crimony, Twickenham.". *Tel.* 01-892 8993
*Telex:* 25920 (Unipals)

*Chairman and Managing Director:* H. A. Jansen. *Directors:* R. M. Stanford, L. J. Vaitl, R. A. H. Jansen, B.Sc., C. T. B. Baines, F.Inst.B.B. *Secretary:* L. Cook. *Sales Director:* R. A. H. Jansen, B.Sc. *Factory Managers:* J. S. Stock, J. T. H. Coldwell. *Engineer:* B. Chemineau. *Buyer:* R. M. Stanford.

SUBSIDIARY COMPANIES: *Golden Nut Supply Co. Ltd.*

BRAND NAMES: *Roy, Almex, Crimaroon, Crimony, Jan, Rio, Crimarzi, Glade, Crimex Dry Mixes, Tup, Heath, Leo, Angel, Nymph, Whitina, Boost, Crunchnut, Sable, Nol.*

PRODUCTS: *Almond Products, Cake Mixes, Cooking Fat, Margarine, Pastry Mix, Peanut Products, Pudding Mixes, Fruit (dried).*

## CROSSE & BLACKWELL LTD.

*BY APPOINTMENT TO HER MAJESTY THE QUEEN PURVEYORS OF PRESERVED PROVISIONS*
*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER PURVEYORS OF PRESERVED PROVISIONS*

St. George's House, Croydon, Surrey, CR9 1NR.
*T.A.:* " Unexcelled, Croydon, Telex." *Tel.* 01-686 3366. *Telex:* 23117

*Directors:* W. A. Manahan, R. A. Wilson, B. L. Hackforth, J. R. Prout.

PARENT COMPANY: *The Nestlé Co. Ltd.*

PRODUCTS: *Baked Beans (Canned), Pickles, Prepared Meals (Canned), Salad Cream, Sauces, Soup (Canned).*

## CROYSDALE, JOHN, & SONS LTD.

Whitley Bridge, nr. Goole, Yorks. *T.A.:* "Croysdale, Whitley Bridge."
*Tel. Whitley Bridge* 202

*Managing Director:* R. B. Adderley, M.B.E. *Director:* Lt.-Col. C. M. Adderley. *Director and Secretary:* F. Goulding.

ASSOCIATED COMPANIES: *Herridge Foods Ltd., Johnsons (Pontefract) Ltd.*

BRAND NAMES: *White Rose Self-Raising Flour, Imperial White Flour.*

PRODUCTS: *Flour, Flour (Self-Raising).*

## CRYSTAL SPRING LTD.

Chantry Bridge Works, Wakefield, West Yorkshire, WF1 5PL.
*Tel. Wakefield* 73651

*Chairman:* P. J. Cliff. *Managing Director:* D. C. Cliff. *Directors:* F. Simpson, G. H. Cliff, B. Gilpin.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group)*

ASSOCIATED COMPANIES: *Littlewoods of Featherstone Ltd., Robinson & Speight Ltd., Hull.*

BRAND NAMES: *Sunspring, Citra.*

PRODUCTS: *Condiment, Soft Drinks, Vinegar.*

## CRYSTALLIZED CONFECTIONS (TIP TOP) LTD.

Joseph Noble Road, Workington, Cumberland. *Tel. Workington* 4511.
*Telex:* 64101 Tip Top Wrk.

OTHER FACTORY: *Tunnel Road, Hill Top, West Bromwich.* *Tel.* 021-556 1416.

*Chairman:* J. D. O. Knowles. *Managing Director:* R. M. Vincent. *Directors:* J. R. Barrett, M. G. Moss, J. Reilly, P. G. Whittaker, M. Welfare (*and Secretary*). *Production Manager:* J. Gorley. *Factory Manager:* P. Griffiths. *Sales Manager:* R. Hatch.

PARENT COMPANY: *Unilever Ltd.*

BRAND NAMES: *Tip Top, Disney Pop, Swingtime.*

PRODUCTS: *Ice Lollies (liquid), Soft Drinks.*

## CUMMING, ALFRED P., LTD.

Woodside Laboratories, Blairmore, By Dunoon, Argyll. *Tel. Kilmun* 265

*Managing Director:* Alfred P. Cumming. *Director:* A. M. Sweet. *Secretary:* A. M. Sweet.

BRAND NAMES: *Bucrem, But-Rex, Univert, Chocreme, Stabilice.*

PRODUCTS: *Essences, Colourings and Flavours, Gravy Browning.*

## CUNNINGHAM, D., (1956) LTD.

Orwell Bacon Factory, Milnathort, Kinross-shire. *Tel. Kinross* 2239 & 2343

*Managing Director:* K. R. MacDonald. *Director:* D. E. A. MacDonald. *Secretary:* I. K. Duff.

PRODUCTS: *Bacon, Ham, Meat Products (Open Pack), Sausages.*

## DAINTEE CHOCOLATE CONFECTIONERY CO. (BLACKPOOL) LTD.

Clifton Road, Marton, Blackpool, Lancs, FY4 4QB. *Tel. Blackpool* 61201
*Telex:* 67679 "Daintee Bpool."

OTHER FACTORY: *Stanley Mills, Bury. Tel. Bury* 3306.

*Chairman and Managing Director:* Stanley Kitt. *Directors:* F. A. Kitt, J. R. Kitt. *Secretary:* J. T. Bruce. *Production Manager:* F. Cross. *Buyer, Cash and Carry Depts.:* J. J. Clarkson. *Buyer:* Stanley Kitt. *Transport Manager:* T. Foster.

SUBSIDIARY COMPANY: *Meadowcroft & Co. Ltd.*

BRAND NAMES: *Dainty Dinah, Daintee, Meadowcroft, Paramount.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (General), Sweets (Toffees).*

## DAIRY PRODUCE PACKERS LTD.

51, Tooley Street, London, SE1 2QS. *T.A.:* " Dairypak London."
*Tel.* 01-407 5511. *Telex:* 883896

FACTORIES: *Broomhill Road, Brislington, Bristol, BS4 5RD. Tel.* 0272 79222. *Tyndall House, Tyndall Street, Cardiff, CF1 5AZ. Tel.* 0222 22465/6. 19, *Luton Grove, Kirkdale, Liverpool, L44 LQ. Tel.* 051-207 2218. *Bentley Avenue, Stakehill Industrial Estate, Middleton, Manchester, M24 2RW. Tel.* 061-643 3644. *Westgate, Walsall, WS9 8DG. Tel.* 0922 53295/6. 13, *Colquhoun Avenue, Hillington, Glasgow, G52 4RA. Tel.* 041-882 1093. *Condercum Road, Newcastle. Tel.* 0632 37801. *Woolwich Industrial Estate, Nathan Way, Plumstead, SE28 0AF. Tel.* 01-855 1331.

*Chairman and Joint Managing Director:* A. F. Hirst, F.C.A. *Joint Managing Director:* W. T. Shillito. *Directors:* C. P. Renel, H. J. Thomson, G. H. McLaughlin, D. W. Ward, A. D. Wilson, J. M. Semple, G. K. Forshaw. *Secretary:* R. I. Penlington, F.C.A.

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

SUBSIDIARY COMPANIES: *Trengrouse & Nathan Ltd., Trengrouse & Clement Ltd., Black Diamond Creameries Ltd., Modern Butter Packers Ltd. Willett Pre-Packed Foods Ltd.*

BRAND NAME: *Black Diamond.*

PRODUCTS: *Butter, Cheese, Cheese (Processed), Cheese Spread.*

## DALTON'S, PERCY, FAMOUS PEANUT CO. LTD.

Old Ford Works, Dace Road, Bow, London, E3 2PE.
*T.A.:* "Peadee London E3." *Tel.* 01-985 9241
*Telex:* 896993

OTHER FACTORIES: Marley Farm, Smarden, Kent. *Tel.* 023377 354.
50-52, Brushfield Street, London, E.1. *Tel.* 01-247 1284

*Directors:* P. Dalton, B. Dalton, M. J. Dalton, C. Dalton.

PARENT COMPANY: *Percy Dalton (Holdings) Ltd.*

ASSOCIATED COMPANIES: *Percy Dalton (London) Ltd., Percy Dalton (Kent) Ltd.*

PRODUCTS: *Almond products, Condiment (non-brewed), Corn Oil, Edible Oil, Ice Lollies, Nut foods, Nuts (pre-packed), Peanut products, Peanuts (salted), Snack products, Vinegar.*

## DARBY'S BAKERIES LTD.

Brettall Lane, Amblecote, Stourbridge, Worcs. *Tel. Stourbridge* 6222

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## DARBYSHIRES' PRIZE BREAD CO. LTD.

21–23, Caunce Street, Blackpool, Lancs., FY1 3LB. *Tel. Blackpool* 29127

*Chairman:* J. Aldred, F.C.A. *Directors:* F. Whittaker (*and General Manager*), H. D. Warburton, B.A. (Com.), J. P. Speak, M.A. (Cantab.), D. M. Raistrick, B.Sc. (Tech.), A.R.I.C. *Secretary:* J. A. Westhead, A.C.M.A., A.C.I.S. *Production Manager:* A. Swindlehurst. *Sales Manager:* C. Asquith. *Engineer:* L. Manock.

PARENT COMPANY: *Warburtons Ltd.*

SUBSIDIARY COMPANY: *Burtons (Blackpool) Ltd.*

BRAND NAME: *Darbyshires' Prize Bread.*

PRODUCT: *Bread.*

## DAVIES BROS. (NEATH) LTD.

The Quay, Neath, Glam. *Tel. Neath* 3381

*Managing Director:* R. Lloyd Davies. *Secretary:* Mrs. M. C. Davies.

BRAND NAME: *Minster.*

PRODUCTS: *Gravy Browning, Pickles, Sauces, Soft Drinks, Vinegar.*

## DAVISON BAKE-N-SERV (UK) LTD.

2/3, Prospect Place, East Pimbo, Skelmersdale, Lancs.
*Tel. Skelmersdale* 25451
*T.A.* "Bake-n-Serv Skem." *Telex:* 627059

*Chairman:* J. G. Sprott. *Managing Director:* J. McCarthy. *Directors:* J. Paterson, Sir Hugh Fraser, R. Bullock, H. C. Rhodes (U.S.A.). *Secretary:* D. McDonald. *Production Manager:* G. Poole. *Chemist:* J. Moorhouse. *Buyer:* R. Mortimore.

ASSOCIATED COMPANY: *Severnside Foods Ltd.*

BRAND NAME: *Rhodes.*

PRODUCT: *Bread Dough (quick frozen).*

## DE HAAN (FOODS) LTD.

Park Lane, Abram, nr. Wigan, Lancashire, WN2 5XW.
*T.A.:* "Dehaan-Wigan". *Tel. Wigan* 66431 *and* 66429
*Telex:* 67601

*Chairman:* E. M. Canevali. *Managing Director:* F. M. Wesselingh. *Directors:* S. F. Collins, G. A. Dickman. *Secretary:* J. Mannion.

PARENT COMPANY: *Lovell & Christmas Ltd.*

BRAND NAMES: *De Haan, Harvey's Belgravia.*

PRODUCTS: *Meat Products (Canned-Tongue), Ham.*

## DELTEC FOODS LTD.

Deltec House, 193, St. John Street, London, E.C.1.
*T.A.:* " Deltecfood London."
*Tel.* 01-253 8400. *Telex:* 25261

*Chairman and Managing Director:* U. G. Harlow. *Directors:* J. E. Nunez, (*Argentina*), J. G. Watkinson, N. G. Dekker (*Holland*), S. W. J. Walker (*Secretary*).

PARENT COMPANY: *Deltec International Ltd.*

BRAND NAME: *Armour.*

PRODUCTS: *Beans (canned), Fish (canned), Fruit (canned), Fruit Juices, Ham, Lard, Meat Extract, Meat Products (canned), Tomatoes (canned), Vegetables (canned).*

## DENNY, HENRY, & SONS LTD.

Battlebridge House, Tooley Street, London, SE1 2RJ.
*T.A.:* E. M. Denny London Telex. *Tel.* 01-407 3171
*Telex:* 883991/2

*Chairman:* Anthony M. Denny. *Directors:* G. M. Clarke, G. J. Pennick, Dr. A. B. Talbot, D. G. Jenner. *Secretary:* T. L. Baldwin.

PARENT COMPANY: *E. M. Denny (Holdings) Ltd.*

SUBSIDIARY COMPANIES: *Henry Denny & Son (Ulster) Ltd., Henry Denny & Sons (Ireland) Ltd.*

PRODUCTS: *Bacon, Ham, Lard, Meat Pies, Meat Products (Open Pack), Prepared Meals, Sausages.*

## DIRECT TABLE PRODUCE CO. LTD.

56, Long Lane, London, E.C.1. *Tel.* 01-606 1718
FACTORY: 13, *Wingfield Road, London, E.*17. *Tel.* 01-520 4938

*Chairman:* A. Carter. *Managing Director:* P. R. Stanton. *Director:* F. F. Stanton. *Secretary:* P. Stanton. *Production and Factory Manager:* F. F. Stanton.

BRAND NAME: *Direct.*

PRODUCTS: *Bacon, Ham, Meat Products (Open Pack), Sausages.*

**DISTILLERS CO. LTD. (YEAST & FOOD DIVISION).**

Crown House, London Road, Morden, Surrey, SM4 5EJ.
*Telex:* 24137. *Tel.* 01-542 6655

*Chairman:* C. R. S. Robertson. *Vice-Chairman:* H. Sweeney. *Managing Director:* T. Tiplady. *Assistant Managing Directors:* J. H. McCartney, J. W. Holloway. *Director and Secretary:* T. W. Harvey.

SUBSIDIARY COMPANIES: *United Yeast Co. Ltd., Manchester Chemical Co. Ltd., Unidec Products, Frank Idiens & Sons Ltd., Distillers Co. (Yeast) Ltd., Stratford-upon-Avon Canners Ltd., Standard Development Co. Ltd., Pensan Jams Ltd.*

BRAND NAMES: *Unecol, D.C.L., United.*

PRODUCTS: *Almond Products, Bacon, Baked Beans (canned), Baking Powder, Batter Mixes, Beetroots (Processed), Beverages, Biscuits, Biscuits (wafer), Bread Crumbs, Breakfast Cereals, Butter, Butter Milk Powder, Cake Mixes, Cheese, Cherries (cocktail), Cherries (glace), Christmas Pudding, Cocktail Sundries, Cocoa, Coffee, Coffee (instant), Coffee Essences and Extracts, Cooking Fat, Cornflour, Cream (canned), Cream (imitation), Cream (long life), Curry Powder, Custard and Blancmange Powder, Dessert mixes, Dessert topping mix, Dripping, Edible Oil, Essences, Colourings and Flavours, Fish (canned), Flour, Flour (malted), Flour (Self-Raising), Fruit (canned), Fruit (dehydrated), Fruit (dried), Fruit Fillings, Fruit Juices, Fruit Pulps, Gravies, Gravy Browning, Ham, Herbs (culinary), Honey, Jellies (table), Lard, Lemon Curd, Malt Extract, Margarine, Meat Products (canned), Meat Products (open pack), Milk (evaporated and condensed), Milk Powder, Mincemeat, Mint Sauce, Mushrooms (canned), Mustard, Mustard (french), Oatmeal, Olives, Pasta Products, Pastry (puff), Pastry (short), Pastry Mix, Peanut products, Pearl Barley, Peas, Beans, Lentils (dried), Peel, Pickles, Pie Filling, Potato Crisps, Potato Powder (instant), Poultry (canned), Prepared Meals, Preserves, Pudding Mixes, Puddings (canned) Milk, Ravioli (canned), Rice Flour, Salad Cream, Salt, Sauce (bread), Sauce (dessert), Sauce (horseradish), Sauce (prawn cocktail), Sauces, Semolina, Soup (canned), Soup (Packeted), Spaghetti (canned), Spices, Stuffing, Suet (shredded), Sugar, Syrup and Treacle, Table Waters, Tapioca, Tea, Tomato Juice, Vegetable Extract, Vegetables (Dehydrated), Vinegar, Whey Powder, Yeast, Yeast Extract.*

**DOCWRA, H. M., LTD.**

South Beach Parade, Great Yarmouth, Norfolk. *Tel.* (0493) 4904
*T.A.:* " Candy House, Great Yarmouth." *Telex:* 975380

*Managing Director:* H. M. Docwra. *Directors:* Mrs. I. M. Docwra, D. J. Docwra S. W. Docwra (*Secretary*). *Production Manager:* K. Haggart. *Engineer:* A. Mann.

SUBSIDIARY COMPANY: *H. M. Docwra (Distributors) Ltd.*

BRAND NAME: *Candy House.*

PRODUCTS: *Sweets (boiled sugar), Sweets (general), Sweets (toffees).*

**DORNAY FOODS**

P.O. Box 15, Hansa Road, King's Lynn, Norfolk, PE30 4JE.
*Tel. Kings Lynn* 61200. *Telex: Dorfoods* 81198

*General Manager:* W. J. Knights. *Chairman:* A. A. Houghton. *Directors:* A. C. C. Baxter, R. C. Edwards. *Divisional Director (Sales and Marketing):* M. A. King. *Divisional Director (Manufacturing):* G. Hayter. *Operations Manager:* I. D. Halliday. *Service and Finance Manager:* A. Higginbottom. *Chief Engineer:* L. R. Strudwick. *Commodities Manager:* J. Ring. *Materials Buyer:* J. F. Payne.

PARENT COMPANY: *Mars Incorporated.*

ASSOCIATED COMPANY: *Mars Ltd.*

BRAND NAMES: *Wondermash, Yeoman, Uncle Bens Rice.*

PRODUCTS: *Potato (instant), Canned Potatoes, Rice.*

## DORSET FOOD PRODUCTS LTD.

Longmead, Shaftesbury, Dorset, SP7 8PL. *Tel. Shaftesbury* (0747) 2261

*Chairman and Managing Director:* R. J. Newport. *Commercial Director:* G. Roff. *Financial Director:* D. J. Hunt. *Works Director and General Manager:* R. Thornhill. *Secretary:* D. J. Hunt. *Factory Manager:* I. Mitchelhill. *Sales Manager:* R. Thornhill. *Engineer:* T. Pitman. *Chemist:* P. Campbell.

BRAND NAME: *Dorset Foods.*

PARENT COMPANY: *H. J. Newport Ltd.*

ASSOCIATED COMPANY: *Lanraye Frozen Foods Ltd.*

PRODUCTS: *Flour Confectionery (quick frozen), Meat Products (quick frozen), Pastry (quick frozen).*

## DOWNWARD QUALTROUGH LTD.

Pulrose Bridge, Douglas, I.O.M. *T.A.:* " Downward Pulrose Douglas "
*Tel. Douglas* 4101

*Chairman:* T. A. Scrutton. *Managing Director:* W. H. Moffat. *Directors:* L. J. V. Warren, F. C. Kissack, F.C.A. (*Secretary*).

PARENT COMPANY: *Beecham Group Ltd.*

BRAND NAMES: *Downwards, Coca-Cola, Sunfresh.*

PRODUCT: *Soft Drinks.*

## DUERR, F., & SONS LTD.

Prestage Street, Old Trafford, Manchester, M16 9LH. *Telex:* 668579
*T.A.:* " Duerr, Brooksbar, Manchester." *Tel.* 061-226 2251

*Chairman:* J. W. Harrison. *Managing Director:* A. N. Duerr. *Director:* H. Duerr. *Secretary:* A. N. Duerr. *Production Manager:* S. E. Earl. *Sales Marketing Manager:* A. N. Duerr. *Engineer:* S. E. Earl. *Buyer:* H. Duerr.

PRODUCTS: *Lemon Cheese, Pickles, Preserves.*

## DUFFIELD, WM. C., LTD.

Saxlingham Thorpe, Norwich, NOR 61W. *Tel. Swainsthorpe* 661
*Telex:* 975057

*Chairman:* O. L. C. Cross. *Managing Director:* H. A. Duffield. *Directors:* J. Oldman, F. S. Bond. *Secretary:* F. S. W. Bond. *Chemist:* J. P. Harwood.

**PARENT COMPANY:** ***Duffield Mills Ltd.***

**PRODUCT:** ***Flour.***

## DUFFIELD, W. L., & SONS LTD.

Saxlingham Thorpe Mills, Norwich, NOR 61W. *Tel. Swainsthorpe* 661
*Telex:* 975057

*Chairman and Managing Director:* H. A. Duffield. *Directors:* O. L. C. Cross (Sales), J. Oldman, F. S. W. Bond, F.I.A.C. (*Secretary*). *Production Manager:* A. W. Clarke. *Buyer:* M. J. Crook.

PARENT COMPANY: ***Duffield Mills Ltd.***

BRAND NAME: *Saxofood.*

PRODUCT: *Flour.*

## DUNCAN, T. D., LTD.

338, Clepington Road, Dundee, DD3 8SL. *Tel.* 0382 84111

PARENT COMPANY: *Beatties Bakeries Ltd. (Ranks Hovis McDougall Group).*

BRAND NAME: *Milanda.*

**PRODUCTS:** ***Bread, Cakes.***

## DUNCAN FOSTER (SUSSEX) LTD.

Brampton Road, Hampden Park, Eastbourne, Sussex.
*Tel. Eastbourne* 51192

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## DUNHILLS (PONTEFRACT) LTD.

The Licorice Works, Pontefract, Yorks. *T.A.:* " Dunhills Pontefract."
*Tel. Pontefract* 3752. *Telex:* 557121

*Chairman:* F. G. Godson. *Managing Director:* F. G. Godson. *Directors:* A. M. Godson, H. J. Gundill, P. Riegel, P. Hermanski. *Production and Factory Manager:* A. Oates. *Engineer:* K. Westerman.

BRAND NAMES: *Ewbanks, Orozo, Tower.*

PRODUCTS: *Sweets (General), Sweets (Liquorice).*

## DUNMOW FLITCH BACON CO. LTD.

Great Dunmow, Essex. *Tel. Dunmow* 2172

*Chairman:* Sir John Stratton, C.B.E. *Director:* G. M. Sandiford. *Secretary:* R. Beck. *Manager:* E. A. Stone.

PARENT COMPANY: *C. & T. Harris (Calne) Ltd. (F.M.C. Group).*

BRAND NAMES: *Dunmow, Dunmow Flitch.*

PRODUCTS: *Bacon, Ham, Lard, Meat Pies, Meat Products (Open Pack), Sausages.*

## DYSON, H., & SONS (NELSON) LTD.

Chapel Street, Nelson, Lancs., BB9 9SW. *Tel. Nelson* 62296

*Chairman and Managing Director:* Herbert Dyson. *Directors:* Herbert S. Dyson, Blanche Dyson. *Secretary:* Herbert S. Dyson.

PRODUCTS: *Soft Drinks, Table Waters.*

## DYTES LTD.

Mothers Pride Bakery, Jackson Place, Wilton Road, Humberston, Grimsby, Lincs. *Tel. Humberston* 2591

PARENT COMPANY: *W. J. Brookes and Sons Ltd. (Ranks Hovis McDougall Group).*

PRODUCTS: *Bread, Cakes.*

## EARNSHAW BROS. LTD.

7, Cooper Street, Sunderland, Co. Durham. *Tel. Sunderland* 4005

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes*

## EASTWOOD, W. & J. B., LTD.

Burns Lane, Warsop, Notts., NG20 0QG.
*Telex: Warsop* 37278 *Bilsthorpe* 37148 *Tel. Warsop* 2581

OTHER FACTORIES: *Poultry Packing Division, The Moor, Bilsthorpe, Notts. Tel. Bilsthorpe* 384. *Corringham Road, Gainsborough. Tel. Gainsborough* 3194. *Bunns Bank, Attleborough. Tel. Attleborough* 3331. *Pembrey Poultry Packing Station. Tel. Kidwelly* 482. *Station Road, Stokesley, nr. Middlesbrough. Tel. Stokesley* 677. *Viewfield Industrial Estate, Glenrothes, Fife. Tel. Glenrothes 3094.*

*Chairman:* J. B. Eastwood. *Managing Directors:* W. H. Eastwood, M. J. Stoakes. *Directors:* J. N. Vallance, C. B. Mudford, D. M. Cottingham, R. Gregson, G. A. Hough. *Secretary:* R. Gregson. *Production Manager:* J. G. Woodthorpe. *Engineer:* H. G. Hinds.

PARENT COMPANY: *J. B. Eastwood Ltd.*

BRAND NAME: *Chubby Chicken.*

PRODUCT: *Quick Frozen Poultry.*

## EBOR ICE CREAM CO. LTD.

66, Lawrence Street, York. *Tel. York* 23011

*Chairman and Managing Director:* A. Leckenby. *Directors:* D. G. Leckenby, B. G. Maw. *Secretary:* Mrs. A. E. Maw.

BRAND NAME : *Ebor.*

PRODUCT: *Ice-Cream.*

## EDMONDS ECCLES CAKES LTD.

390/2, Hyde Road, Manchester, 12. *Tel.* 061-223 0618

*Chairman:* C. R. Haskins. *Managing Director:* K. Edmonds. *Directors:* S. Edmonds, N. Edmonds, H. M. Smith, T. Viles, G. Castle, LL.B., N. G. K. Lumb, F.C.A. (*Secretary*).

PARENT COMPANY: *Park Cake Bakeries Ltd.*

PRODUCT: *Cakes.*

## EDMONDSON & CO. LTD.

144, Richmond Row, Liverpool, 3. *Tel.* 051-207 0124

*Chairman:* E. D. Edmondson. *Managing Director and Secretary:* T. Griffiths. *Factory Manager:* A. Glynn Jones. *Engineer:* D. Davenport.

BRAND NAMES: *Full Swing, Vinkar.*

PRODUCTS: *Condiment, Soft Drinks.*

## EDWARDS, LOUIS C., & SONS (MANUFACTURING)

New Street, Miles Platting, Manchester, M10 8AP.
*T.A.:* " Canfreeze Manchester." *Tel.* 061-205 4301

*Joint Chairmen:* L. C. Edwards, D. J. Edwards. *Managing Director:* W. G. McCord. *Directors:* T. McKeown, F.C.A., B. Bell, C. M. Edwards, J. M. H. Edwards, P. L. Edwards. *Secretary:* T. McKeown, F.C.A. *Production and Factory Manager:* E. Dewsbury. *Sales Director:* B. Bell. *Chief Engineers:* E. Vaughan, E. Newman. *Chemist and Chief Technologist:* T. R. Boydell. *Bacteriologist:* B. Ansari. *Buyers:* G. Parkin (General Items), R. Searston (Meat Items). *Operations Controller:* G. Martin.

PARENT COMPANY: *Louis C. Edwards & Sons* (*Manchester*) *Ltd.*

BRAND NAMES: *Crown E., Crown Regal.*

PRODUCTS: *Meat Products* (*Canned*), *Meat Products* (*Open Pack*), *Sausages.*

### ELIZABETH CANDIES LTD.

96, Bell Lane, Marston Green, Birmingham, B33 0HX. *Tel.* 021-779 3365

*Managing Director:* G. G. Rolstone. *Directors:* A. Alexander, P. Israel. *Secretary:* Mrs. I. M. Rolstone. *Production and Factory Manager:* D. J. Rolstone. *Sales/Marketing Manager:* T. V. Jones. *Chemist:* J. Brittain.

BRAND NAME: *Elizabeth Candies.*

PRODUCT: *Sweets (General).*

### ELKES BISCUITS LTD.

Dove Valley Bakeries, Uttoxeter, Staffs., ST14 7BT.
*T.A.:* "Biscuits, Uttoxeter." *Tel. Uttoxeter* 3131. *Telex:* 36438.

*Chairman:* J. C. McGough. *Managing Director:* A. Brockwicz-Lewinski. *Directors:* K. Ahmed (*Finance*), E. Doorbar (*Sales*), M. Wood, P. Macielinski, L. Fitzgerald, J. H. Adams, B. Joyce. *Secretary:* T. Simcock. *General Manager:* L. H. Fitzgerald. *Factory Manager:* P. T. Tipper. *Marketing Manager:* G. Maynes (*Overseas*). *Engineer:* J. Bramley. *Chemist:* J. Burton. *Buyer:* I. R. Tomlinson.

PARENT COMPANY: *Adams Foods Ltd.*

SUBSIDIARY COMPANIES: *Elkes Foods Ltd., Belrose Foods Ltd., White Rose Food Packers (Leeds) Ltd.*

BRAND NAMES: *Elkes, Belrose, Regal.*

PRODUCT: *Biscuits.*

### ELSENHAM QUALITY FOODS LTD.

Bishops Stortford, Herts. *T.A.:* " Jamco Bishops Stortford."
*Tel. Bishop's Stortford* 812442. *Telex:* 81439 (Foodco Elsenham)

*Directors:* A. J. G. Blunt, J. Hurwitz, K. V. John, A.R.S.H., H. R. A. Reynolds, A.C.A.

BRAND NAMES: *Elsenham, Ginger-Up, Patum Peperium—The Gentleman's Relish.*

PRODUCTS: *Preserves (Fresh Fruit), Preserves (Liqueur), Marmalades, Anchovy Products, Salad Cream, Sauces (Tartare, Horseradish etc.), Honey, Mincemeat, Dessert topping mix, Marmalade Home-Make Mix, Paste (Fish), Pickles, Mustard.*

### EMBLETONS BAKERIES LTD.

Wheatfield Road, Westerhope, Newcastle-upon-Tyne, NE5 5LB.
*Tel. Newcastle* 869831

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

### EMBREY, G., LTD.

Liverpool Road, Cross Heath, Newcastle-under-Lyme, Staffs. ST5 9HT.
*Tel. Newcastle, Staffs.* 561373

*Directors:* W. Garfield Weston, Irvine Smith, R. M. Dick, R. J. Pantlin.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

### ENFIELD HIGHWAY CO-OPERATIVE SOCIETY LTD.

112, Ordnance Road, Enfield, Middx., EN3 6BT *Tel. Waltham Cross* 23600

FACTORIES: *Dairy, Gilbert Street, Enfield Wash, Middx. Tel. Waltham Cross* 39891. *Cooked Meats Factory, Gilbert Street, Enfield, Middx. Tel. Waltham Cross* 23600 *and* 21440.

*President:* D. N. Camp. *Chief Executive Officer:* A. S. Balfour. *Food Trade Manager:* L. S. Locke. *Cooked Meats Factory Manager:* S. Holmes. *Dairy* D. L. Norton.

PRODUCTS: *Meat Pies, Milk (Sterilised), Sausages.*

## ENTERPRISE BAKERIES LTD.

Stonebridge Highway, Coventry CV3 4FN, Warwicks. *Tel. Coventry* 302835
PARENT COMPANY: *Ranks Hovis McDougall Ltd.*
BRAND NAME: *Mothers Pride.*
PRODUCTS: *Bread, Cakes.*

## EPICURE HAM CO. LTD.

Old Railway Property, Pinvin, Pershore, Worcs. *Tel. Pershore* 2104

PARENT COMPANY: *G. H. Monk & Co. Ltd.*

BRAND NAMES: *Epic, Epicam.*

PRODUCTS: *Bacon, Ham, Meat Pies, Meat Products (Glass Pack), Sausages.*

## ESSLEMONT, JOHN E., LTD.

200, Station Road, Woodside, Aberdeen, AB9 2TH. *Tel.* 0224 42221

*Managing Director:* John C. Esslemont. *Directors:* Miss C. G. Esslemont, A. G. Esslemont, Alan Esslemont. *Factory Manager:* Alan Esslemont.

SUBSIDIARY COMPANY: *A. Steele & Co. Ltd.*

BRAND NAMES: *Good as Gold Tea, Golden Cup Tea.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (General), Sweets (Toffees), Tea.*

## ESTCOURT, F. B., LTD.

Stanhill Works, Oswaldtwistle, Lancs. *T.A.:* " Gollabel, Accrington."
*Tel. Accrington* 31411

*Chairman:* R. E. Miles. *Managing Director:* E. S. Estcourt. *Director:* R. Pepperdine. *Secretary:* Mrs. R. Broughton. *Factory Manager:* R. S. Drinnan. *Chemist:* D. R. T. Timperley.

PRODUCTS: *Cherries (Cocktail), Cocktail Sundries, Curry Powder, Edible Oil, Ginger in Syrup, Gravy Browning, Mustard, Olives, Pickles, Salad Cream, Sauce (Horseradish), Sauce (Tartare), Sauces, Sea Food Dressing, Soups (Packeted), Vinegar.*

## EXLEY, A., & SONS LTD.

Coleman Street, Parkgate, Rotherham, Yorks., S62 6EJ. *Tel. Rawmarsh* 3188

*Managing Director:* D. A. Exley. *Director:* G. L. Exley (*and Secretary*). *Factory Manager:* J. Exley. *Sales Manager:* K. Exley. *Buyer:* D. A. Exley.

ASSOCIATED COMPANY: *Kendall & Elliott Ltd.*

BRAND NAMES: *Suncose, Giant, Red Star, Slimcose, Exa-Cola, Gaffa.*

PRODUCT: *Soft Drinks.*

## EXPRESS DAIRY CO. LTD.

Victoria Road, South Ruislip, Middx., HA4 0HF.
*T.A.:* "Express Ruislip". *Tel.:* 01-845 2345

*Chairman:* J. Travers Clarke.

PARENT COMPANY: *Grand Metropolitan Ltd.*

SUBSIDIARY COMPANIES: *Express Dairy Co. (London) Ltd., Express Dairy Foods Ltd.*

## EXPRESS DAIRY CO. (LONDON) LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II DAIRY SUPPLIERS*
Victoria Road, South Ruislip, Middx., HA4 0HF.
*T.A.:* "Express Ruislip." *Tel.:* 01-845 2345

PARENT COMPANY: *Express Dairy Co. Ltd.*

## EXPRESS DAIRY FOODS LTD.

Victoria Road, South Ruislip, Middx. *Tel.* 01-481 0982

PARENT COMPANY: *Express Dairy Co. Ltd.*

BRAND NAMES: *Eden Vale, Express, Ski.*

PRODUCTS: *Butter, Cheese, Desserts (prepared), Milk (Evaporated and Condensed), Milk Powder, Whey Powder, Yogurt.*

## F.M.C. LTD.

19/23, Knightsbridge, London, SW1X 7NF.
*T.A.:* " Fatstock London Telex." *Tel.* 01-235 5081. *Telex:* 22255

*President:* Sir John Stratton, C.B.E. *Executive Chairman:* J. A. Payne, O.B.E. *Chief Executive:* J. C. Stokes. *Deputy to the Chief Executive:* J. Corless. *Directors:* R. E. Burt, F.C.A., A. Farbon, J. G. Jenkins, C.B.E., E. E. Marsh, J.P., R. H. Y. Mills, M.B.A., E. de Grey Seaman, W. W. Watson Peat, C.B.E., J.P., Sir Gwilym Williams, C.B.E.

SUBSIDIARY COMPANIES: *F.M.C. (Meat) Ltd., Marsh & Baxter Ltd.*

## F.M.C. (MEAT) LTD.

19/23, Knightsbridge, London, SW1X 7NF.
*T.A.:* "Fatstock London Telex." *Tel.* 01-235 5081. *Telex:* 22255

*Chairman:* Sir John Stratton, C.B.E. *Directors:* M. Berg, R. E. Burt, J. Corless, T. M. Lauchlan, P. Matthias, D. C. Parrish, J. A. Payne, O.B.E., G. M. Sandiford, J. C. Stokes, R. Willmott, F.C.I.S. (*Secretary*).

PARENT COMPANY: *F.M.C. Ltd.*

PRODUCTS: *Dripping, Edible Oil, Lard, Meat Products (Open Pack), Meat Products (Quick Frozen), Quick Frozen Poultry.*

## F.M.C. (MEAT) LTD. — POULTRY DIVISION.

Buckingham Road, Brackley, Northants. *Tel. Brackley* (02803) 3281

OTHER FACTORIES: *Garstang. Tel. Garstang* 3178. *Newburgh (Lancashire Turkeys Ltd.). Tel. Parbold* 2174.

*Chairman:* Sir John Stratton, C.B.E. *Directors:* M. Berg, R. E. Burt, J. Corless, T. M. Lauchlan, P. Matthias, D. C. Parrish, J. A. Payne, O.B.E., G. M. Sandiford, J. C. Stokes, R. Willmott, F.C.I.S. (*Secretary*). *Divisional Manager:* C. R. S. Smith. *Sales Manager:* J. C. Andrews.

PARENT COMPANY: *FMC Ltd.*

BRAND NAMES: *Baroness, Beacon, Bee, Blue Rosette, Country Girl, Drum, Rosette, Snowpak.*

PRODUCT: *Quick Frozen Poultry.*

## F.M.C. (NEWRY) LTD.

Warrenpoint Road, Newry, Co. Down. *Tel. Newry* (0693) 3211

*Chairman:* Sir John Stratton, C.B.E. *Directors:* J. Corless, J. C. Stokes. *Secretary:* R. Willmott.

PARENT COMPANY: *FMC (Meat) Limited.*

PRODUCTS: *Meat Products (open pack).*

## FALKIRK & DISTRICT UNITED CO-OPERATIVE SOCIETY LTD.

Jubilee House, Main Street, Camelon, Falkirk, Stirlingshire.
*Tel. Falkirk* 21171

MEAT FACTORY: *Western Avenue, Falkirk. Tel. Falkirk* 21171.

BRAND NAME: *Suncrust.*

PRODUCT: *Meat Pies.*

## FAR FAMED CAKE CO. LTD.

Cording Street, London, E.14. *Tel.* 01-987 5295. *Telex:* 23973

*Chairman:* A. E. Stocks. *Managing Director:* G. S. Salmon. *Directors:* H. Salmon, J. W. Deller (*Finance and Services*), K. Sydney (*Works*). *Secretary:* K. A. Gould, F.C.I.S.

PARENT COMPANY: *Hale-Trent Cakes Ltd. (J. Lyons Group of Companies).*

PRODUCT: *Cakes.*

## FARDONS LTD.

Saunders Ness Road, London, E14 9EF. *Tel.* 01-987 6021
*Telex:* 825277 (Dunstable

*Chairman:* H. C. P. Bidwell. *Director:* R. J. Leader. *Secretary:* C. P. Stevens *Production Manager:* D. Draper. *Engineer:* J. J. Colbe. *Chemist:* M. Muggeridge. *Buyer:* A. McElroy.

PARENT COMPANY: *Marela Ltd.*

ASSOCIATE COMPANY: *Pearce, Duff & Co. Ltd.*

BRAND NAMES: *Fardons, Flag.*

PRODUCTS: *Pickles, Sauces.*

## FARLEY'S INFANT FOOD LTD.

Torr Lane, Plymouth, Devon, PL3 5UA. *T.A.:* " Farleys Plymouth."
*See Glaxo Laboratories Ltd.* *Tel. Plymouth* 701621

## FARQUHAR NORTH & CO. LTD.

Cray Avenue, St. Mary Cray, Orpington, Kent BR5 3QB.
*T.A.:* " Farnortose, Orpington."
*Tel. Orpington* 20245

*Chairman: and Managing Director:* P. Williams. *Directors:* C. North, L. North (*Secretary*). *Production Manager:* P. Williams. *Sales Manager:* C. North.

BRAND NAME: *Far-North.*

PRODUCTS: *Pastes (Fish), Pastes (Meat).*

## FARRAH, JOHN, & HARROGATE TOFFEE LTD.

7, Royal Parade, Harrogate, Yorks. *T.A.:* " Farrah, Harrogate."
*Tel. Harrogate* 65014

*Joint Managing Directors:* C. Waddington and M. N. Waddington.

BRAND NAME: *Farrahs Harrogate Toffee.*

PRODUCT: *Sweets (Toffees).*

## FAWCETT (SOUTH SHIELDS) LTD.

Lobley Hill Road, Gateshead, Co. Durham, NE8 4YP. *Tel. Dunston* 605221

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

BRAND NAME: *Denton, Hendees, Milanda.*

PRODUCTS: *Bread, Cakes.*

## FENTON BARNS (SCOTLAND) LTD.

Fenton Barns, North Berwick, East Lothian.
*T.A.:* "Fenbar, Drem." *Tel. Dirleton* 202. *Telex:* 72119

*Chairman:* R. G. Chalmers-Watson. *Managing Director:* S. M. Hawkins. *Directors:* V. H. C. Arnold, K. I. Geddes, J. S. Lintern, R. F. Lawrence. *Secretary:* G. R. Pagett. *Sales/Marketing Manager:* G. O. Pullar.

PARENT COMPANY: *British United Turkeys Ltd.*

PRODUCT: *Quick Frozen Poultry (Turkeys).*

## FERGUSON, ALEX., LTD.

Glenardoch Works, East Crosscauseway, Edinburgh, EH8 9HG.
*Tel.* 031-667 5241

*Chairman:* A. B. Hooper. *Managing Director:* I. F. B. Stedman, R.D., M.A. *Directors:* C. L. Valentine, John Hamilton, F.C.I.S. (Secretary). *Production Manager:* W. Paton. *Engineer:* G. Coyle. *Buyer:* F. Boles.

BRAND NAMES: *The Original Edinburgh Rock, Linden Limes, Assafrey Russian Toffee.*

PRODUCTS: *Chocolates, Sweets (Boiled Sugar), Sweets (General), Sweets (Liquorice), Sweets (Toffees).*

## FERGUSON, JAMES, LTD.

1/5, Telfair Street, Belfast BT1 4DY, N. Ireland. *T.A.:* " Sirloin Belfast."
*Tel. Belfast* 24871

*Chairman:* William Baird. *Managing Director:* John McK. Boyle. *Directors:* Samuel H. Boyle, Thomas Q. King. *Secretary:* Samuel H. Boyle. *Production and Factory Manager:* Robert Harkness.

PRODUCTS: *Meat Pies, Meat Products (Open Pack), Sausages.*

## FERGUSON, J. & A., (BAKERS) LTD.

67 Union Street, Glasgow, G1 3SZ. *T.A.:* "Nine Reigns Glasgow." *Tel.* 041-221 0195

OTHER FACTORY: 128, *Merrylee Road, Glasgow.*

*Chairman:* R. S. Middlemass. *Managing Director:* H. R. Anderson. *Director and Secretary:* D. M. G. Grant, C.A. *Production Manager (Bakery):* D. S. Philp. *Production Manager (Confectionery):* W. Herd.

PARENT COMPANY: *J. & A. Ferguson Ltd.*

SUBSIDIARY COMPANY: *J. & A. Ferguson (Foods) Ltd.*

BRAND NAMES: *Covenanter, Nine Reigns.*

PRODUCTS: *Almond products, Bacon, Bread, Cakes, Chocolate Spread, Chocolates, Coffee, Dessert Topping Mix, Flour Confectionery (Quick Frozen), Ham, Honey, Nuts (Pre-packed), Prepared Meals, Sausages, Sweets (Boiled Sugar), Sweets (General), Sweets (Toffees), Tea.*

## FILSHILL, J. W., LTD.

Nethercommon Works, Paisley, Renfrewshire, PA3 2RG. *Tel.* 041-889 3172

*Chairman, Managing Director and Secretary:* J. A. H. Hannah. *Directors:* M. B. Hannah, W. F. Walker, John A. Hannah, Ronald S. M. Hannah. *Buyer:* J. A. H. Hannah.

BRAND NAMES: *Filshill Sherbert Shandies, Glendale Soft Drinks.*

PRODUCTS: *Soft Drinks (in cartons), Sweets (Boiled Sugar), Sweets General), Sweets (Toffees), Ice Cream, Ice Lollies (sachets).*

## FINBARR FOODS LTD.

Wassand Street, Hull, North Humberside. *Tel. Hull* 25373. *Telex:* 527030

*Chairman:* M. J. Watson Hall. *Managing Director:* P. C. Nicholson. *Directors:* T. W. Holmes, J. Tranmer. *Production Manager:* A. Brookes. *Factory Manager:* G. Nellove. *Sales Marketing Manager:* R. F. Smith. *Engineer:* A. Webb.

PARENT COMPANY: *Thomas Hamling Co. Ltd.*

BRAND NAMES: *Finbarr, Richmond Castle.*

PRODUCT: *Fish products (quick frozen).*

## FINCKEN, A. C., & CO. LTD.

HEAD OFFICE & FACTORY: *Imperial Way, Station Estate, Watford, Herts.,* WD2 4JB. *Tel. Watford* 34473

*Chairman:* Brian R. Fincken. *Secretary:* John A. Holt.

BRAND NAME: *Force Wheat Flakes.*

PRODUCT: *Breakfast Cereals.*

## FINDUS LIMITED

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II SUPPLIERS OF FROZEN FOODS*

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH THE QUEEN MOTHER SUPPLIERS OF FROZEN FOODS*

St. George's House, Croydon, Surrey, CR9 1NR. *Tel.* 01-686 3031
*Telex:* 23117

*Managing Director:* A. H. Coburn. *Directors:* G. F. Risley, D. G. Fisher, J. Webb, W. D. Marchy (Swiss), G. S. Phillips.

PARENT COMPANY: *The Nestlé Co. Ltd.*

BRAND NAME: *Findus.*

PRODUCTS: *Crustacea (quick frozen), Desserts (quick frozen), Fish (quick frozen), Fish Products (quick frozen), Flour Confectionery (quick frozen), Fruits (quick frozen), Meat (quick frozen), Meat Products (quick frozen), Mousse, Potato Products (quick frozen), Poultry (quick frozen), Prepared Foods (quick frozen), Vegetables (quick frozen).*

## FITCH LOVELL LTD.

1, West Smithfield, London, EC1A 9LA. *Tel.* 01-248 6431. *Telex:* 22493

*Chairman:* Sir Charles Hardie, C.B.E., F.C.A. *Deputy Chairman:* E. M. Canevali. *Chief Executive:* G. A. Cannon. *Directors:* E. Trevor Beer, C.B.E., A. C. A. Keevil, John Gilpin, I. P. McEwan, M.V.O., C.A., M. C. Brooke, F.I.G.D., Maj.-Gen. R. F. K. Belchem, C.B., C.B.E., D.S.O. *Secretary:* D. J. Apps, J.P., F.C.I.S., M.B.I.M.

SUBSIDIARY COMPANIES: *Austen & Griffin Ltd., I. Beer & Sons Ltd., Blue Cap (Foods) Ltd., Blue Cap Foods (Kent) Ltd., De Haan (Foods) Ltd., Robert Daniel Food Group Ltd., Bywater-Hollingsworth Ltd., Fitch & Son Ltd., Fitch & Son (Export) Ltd., Thomas Forde & Co. Ltd., Henry Gillham Ltd., Golden Produce Chicken Ltd., R. Gunner Ltd., Harris Bros. (London) Ltd., Key Markets Ltd., Keevil & Keevil Ltd., Lovell & Christmas Ltd., McElderry & Moffett Ltd., W. L. Miller & Sons Ltd., Auguste Noel Ltd., L. Noel & Sons Ltd., Roberts & Birch Ltd., Rutzou Ltd., Southwark Bacon Drying Co., J. & T. H. Staples Ltd., B. L. Wood Ltd.*

## FOOD SECURITIES LTD.

Buckingham Parade, The Broadway, Stanmore, Middx., HA7 4EE.
*Tel.* 01-954 2363

*Directors:* G. H. Weston, K. R. Jamieson, C. I. Sadler, D. M. Sanderson.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

SUBSIDIARY COMPANIES: *Alliance Wholesale Grocers Ltd., Anglia Canners Ltd., Anglia Canners (Brechin) Ltd., Anglia Canners (Wetherby) Ltd., Anglia Frozen Foods Ltd., Charter Manufacturing Ltd., Rowallan Creamery Ltd.*

## FORBES SIMMERS LTD.

Station Road, Hatton, Aberdeenshire. *T.A.:* " Simmers, Hatton."
*Tel. Hatton* 631

PARENT COMPANY: *D. S. Crawford Ltd.*

BRAND NAMES: *Simmers, Capital.*

PRODUCTS: *Biscuits, Bread, Cakes, Oatcakes, Shortbread.*

## FOWLER, A., & SONS LTD.

Mothers Pride Bakery, Fengate, Peterborough, PE1 5XH.
*Tel. Peterborough* 67162

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## FOWLER, FREDERICK, (SHEFFIELD) LTD.

Edmund Works, 320, Queens Road, Sheffield, S2 4DL, Yorks.
*Tel. Sheffield* 23083

*Chairman:* O. S. Holmes, C.B.E., F.C.A., *Joint Managing Directors:* M. S. Fowler, J. W. Fowler. *Secretary:* Miss M. S. Fowler.

BRAND NAME: *Cunningham.*

PRODUCT: *Pickles.*

## FOWLER LTD.

Glasshouse Wharf, Orchard Place, London, E.14. *Tel.* 01-987 1814

*Chairman and Managing Director:* A. C. R. Howman. *Directors:* R. A. Gower, W. P. Martineau, R. J. Baker (*and Secretary*).

PARENT COMPANY: *Manbré & Garton Ltd.*

PRODUCTS: *Syrup and Treacle.*

## FOX'S BISCUITS LTD.

P.O. Box 10, Biscuit Works, Batley, Yorks. *T.A.:* " Biscuits Batley."
*Tel. Batley* 4333

*Chairman and Managing Director:* Stanley C. Oldham. *Directors:* G. R. Buttery, F.C.I.S. (*and Secretary*), J. D. Montgomerie, P. S. Oldham. *Sales Marketing Manager:* J. Jagger. *Engineer:* H. Farrar. *Chemist:* D. Shepley, B.Sc. *Buyer:* R. Fell.

PRODUCTS: *Biscuits, Brandy Snap*

## FOX'S GLACIER MINTS LTD.

York, YO1 1XY. *Tel. York* 53071

FACTORY: *Leicester.* *Tel. Leicester* 28601. *T.A.: "Glacier Leicester"*

*Chairman:* J. A. Horsfield. *Directors:* I. Mackintosh, W. D. Murphy, J. Rothera. *Secretary:* W. D. Murphy.

PARENT COMPANY: *Rowntree Mackintosh Ltd.*

BRAND NAMES: *Fox's Glacier Mints, Fox's Glacier Fruits, Fox's Mint Imperial.*

PRODUCT: *Sweets (Boiled Sugar).*

## FRANKLIN & SONS (RICKMANSWORTH) LTD.

195, High Street, Rickmansworth, Herts., WD3 1BB.
*Tel. Rickmansworth* 72137

PRODUCTS: *Soft Drinks, Table Waters.*

## FRUITFIELD PRESERVES LTD.

Richhill, Armagh, N. Ireland. *T.A.:* " Fruitfield Richhill."
*Tel. Richhill* 242

PRODUCTS: *Cherries (Glace), Diabetic Food, Fruit (Canned), Fruit Juices, Fruit Pulps, Instant Pie Fillings (Canned), Lemon Curd, Mincemeat, Mushrooms (Canned), Peel, Pickles, Preserves, Vegetables (Canned).*

## FRYER & CO. (NELSON) LTD.

Victory-V-Factories, Chapel Street, Nelson, Lancs. *T.A.:* "Victory, Nelson."
*Tel. Nelson* 64311 *Telex:* 627940.

PARENT COMPANY: *Barker & Dobson Ltd.*

BRAND NAME: *Victory.*

PRODUCT: *Sweets (General).*

## FURNISS & CO. LTD.

Duchy Wharf, New Bridge Street, Truro, Cornwall, TR1 2AB.
*Tel. Truro* 2064

*Chairman:* D. L. Trahair. *Managing Director:* H. W. Thomas. *Director:* D. Lloyd. *Secretary:* H. W. Thomas. *Factory Manager:* J. R. Lean.

PRODUCTS: *Biscuits, Sweets (Boiled Sugar).*

## GARDEN KING FROZEN FOODS LTD.

Kilpin, Howden, Nr. Goole, North Humberside, DN14 7TL.
*T.A.:* "*Garking Howden*". *Tel. Howden* 30731

*Chairman:* E. P. Coulman. *Managing Director:* John L. Finch. *Directors:* Moses Oates, Arthur Oates. *Secretary:* J. L. Finch. *Production Manager:* J. Carrick. *Engineer:* C. P. Broadley.

BRAND NAMES: *Garden King, Green Knight.*

PRODUCTS: *Potato products (quick frozen)—baby roast, chips, Vegetables (quick frozen).*

## GARNERS BAKERIES LTD.

Oldfield Lane, Greenford, Middx. *T.A.:* " Garners Greenford."
*Tel.* 01-578 6771

*Directors:* G. A. Fyson, J. S. Harvey, R. S. Prest, K. W. Spink (*Secretary*).

PARENT COMPANY: *Spillers-French Baking Ltd.*

ASSOCIATED COMPANY: *Garners (7X) Ltd.*

BRAND NAME: *Garners.*

PRODUCTS: *Bread, Cakes.*

## GARONS BAKERIES LTD.

Sutton Road, Southend-on-Sea, Essex. *Tel. Southend* 63474

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## GASKELL BROS. LTD.

Bacon Factory, Woolston, Warrington, Lancs. *Tel. Warrington* 50051
*Telex:* 627181

*Chairman and Managing Director:* S. Vaughan Gaskell. *Directors:* Walter Brown. *Secretary:* J. A. Wood. *Factory Manager:* Walter Brown.

PRODUCTS: *Bacon, Dripping, Ham, Lard, Meat (Quick Frozen), Meat Products (Open Pack), Meat Products (Quick Frozen), Meat Pies, Poultry (Quick Frozen), Sausages, Sausages (Quick Frozen).*

## GAYMER, WILLIAM, & SON LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II CYDER MANUFACTURERS*

Attleborough, Norfolk. *T.A.:* "Gaymer's Attleborough." ***Telex:* 97495**
***Tel. Attleborough* 2104**

*Chairman and Managing Director:* W. C. C. Gaymer. *Directors:* R. R. N. Coate, K. S. Showering, D. Stuart Todd. *Secretary:* E. W. Seabright, F.C.I.S.

PARENT COMPANY: *Showerings Ltd.*

BRAND NAMES: *Sparkling Pommetta, Olde English Cyder, Town Crier.*

PRODUCT: *Cider.*

## GENERAL FOODS LTD.

Banbury, Oxon., OX16 7QU. *T.A.:* "Genfoods, Banbury".
*Tel. Banbury* 4433. *Telex:* 83196

*Managing Director:* G. Westrop. *Directors:* R. J. Kastenholz (*Financial*), W. Ramsay (*Brands*), R. V. J. Cadbury (*Staff Services*), D. G. Hinks (*Operations*), B. P. Fletcher (*Development*), D. E. Soffe (*Sales*). *Secretary:* E. F. Hitchins. *Production Manager:* J. B. Medlam. *Buyer:* T. E. Lawson.

PARENT COMPANY: *General Foods Corporation (U.S.A.).*

BRAND NAMES: *Angel Delight, Bird's Minute Gravy, Maxwell House (Coffee and Instant Coffee), Certo, Instant Whip, Dream Topping.*

PRODUCTS: *Coffee, Coffee (Instant), Custard Powder, Blancmange Powder, Baking Powder, Dessert Powder, Dessert Topping Mix, Pectin.*

## GILCHRIST, JAMES, LTD.

Mothers Pride Bakery, Seaforth Road, Ayr, KA8 9JA. *Tel.* 0292 68481

PARENT COMPANY: *Beatties Bakeries Ltd. (Ranks Hovis McDougall Group).*

PRODUCTS: *Bread, Cakes.*

## GILLARD & CO. LTD.

Westbury Road, London, E17 6RJ. *Tel.* 01-520 5885

*Chairman and Managing Director:* C. R. Gillard. *Directors:* J. E. H. Littlewood, T. W. Gillard. *Director and Secretary:* M. R. Gillard. *Sales Manager:* K. P. Sabey. *Chemist:* J. C. Morpeth.

BRAND NAME: *Gillard's.*

PRODUCTS: *Ham, Meat Pies, Meat Products (Open Pack), Sausages.*

## GLAXO LABORATORIES LTD.

### (Glaxo-Farley Foods Division)

Torr Lane, Plymouth, Devon, PL3 5UA. *T.A.: "Glaxfarl Plymouth."* *Tel. Plymouth* 701621. *Telex:* 45125

OTHER FACTORIES: *Kendal, Cumbria. Tel. Kendal* 23815. *Greenford, Middx. Tel.* 01-422 3434.

*Chairman:* F. C. D. Back, M.A.(Oxon.). *Managing Director:* P. Scruton, B.Sc. *Directors:* D. N. Lindon, E. S. Snell, M.A., M.D., M.R.C.P., J. P. Stott, F.C.A., D. J. R. Farrant, B.Sc.(Eng.). *Secretary:* B. Kaye, M.A.(Oxon.). *Sales and Marketing Manager:* H. G. Purdon. *Chief Analyst:* T. E. V. Horsley, B.Sc., M.Chem.A., F.R.I.C., F.C.S.

PARENT COMPANY: *Glaxo Holdings Ltd.*

SUBSIDIARY COMPANY: *Farley's Infant Food Ltd.*

BRAND NAMES: *Ostermilk, Casilan, Glucodin, Complan, Farex, Farley's, Farley, Adexolin.*

PRODUCTS: *Infant and Invalid Foods.*

## GLENVILLE LTD.

Thames Bank House, Tunnel Avenue, London, SE10 0NZ.
*T.A.:* "Glenvilles London." *Tel.* 01-858 4433

*Chairman:* L. A. Hart. *Managing Director:* P. Hand. *Directors:* P. Callebaut, D. A. Gullette, B. Smartt. *Secretary:* D. F. Scadeng. *Production Manager:* D. M. Locke. *Marketing Manager:* T. G. J. Russell. *Sales Manager:* W. G. Hand. *Engineer:* F. W. Courtman. *Chemist:* N. Tanner. *Buyer:* D. W. Berry.

PARENT COMPANY: *Tunnel Refineries Ltd.*

BRAND NAMES: *Glenville, Dives, Ice Pops, Coffee King.*

PRODUCTS: *Baking Powder, Blancmange Powder, Coffee Creamer (Non-dairy), Cornflour, Custard Powder, Ice Cream Powder, Ice Lollies (liquid), Jellies (Table), Lemonade etc. Powder, Milk (instant).*

## GLOVER, JOSEPH, LTD.

Valley Mills, Killamarsh, nr. Sheffield, Yorks.
*T.A.:* " Glover Miller Killamarsh." *Tel. Eckington* 2481

BRAND NAMES: *Olavit, Snowdrop.*

PRODUCTS: *Flour, Flour (Self-Raising).*

## GOLDEN PRODUCE LTD.

Freebournes Road, Witham, Essex, CM8 3DG.
*Tel. Witham* 3061. *Telex:* 99207

OTHER FACTORIES: *Bridge Yard, Lymington, Hants., SO4 9YW. Tel.* 2392. *The Hoo, Whitwell, Hitchin, Herts., SG4 8EB. Tel.* 291. *Redenhall Road, Harleston, Norfolk, IP20 9HE. Tel.* 852121. *Model Farm, Crockham Hill, Nr. Edenbridge, Kent. Tel. Crockham Hill* 315. *Westdown Lane, Burwash Common, Nr. Etchingham, Sussex. Tel. West Burwash* 407.

*Chairman:* A. C. A. Keevil. *Managing Director:* D. J. Brown. *Directors:* H. G. Brain, P. J. Brown, J. Cooper, N. F. M. King, D. F. Stronger. *Secretary:* J. M. James. *Snr. Marketing Manager:* C. J. Lane.

PARENT COMPANY: *Fitch Lovell Ltd.*

BRAND NAMES: *Golden Produce, Barn, Arun, Abbotshay, Seaview.*

PRODUCT: *Quick Frozen Poultry.*

## GOLDEN WONDER LTD.

Edinburgh House, Abbey Street, Market Harborough, Leics.
*Tel. Market Harborough* 4771. *Telex:* 34350

*Chairman and Managing Director:* T. G. Sharman. *Finance and Administration Director:* M. J. Day, F.C.A., A.C.W.A. *Personnel Director:* J. E. Lockwood. *Secretary:* A. C. Scholes, F.C.I.S.

PARENT COMPANY: *Imperial Foods Ltd.*

SUBSIDIARY COMPANIES: *Chipmunk Ltd., Snack Foods Ltd.*

PRODUCTS: *Peanuts (Salted), Potato Crisps, Snack Products.*

## GOLDWELL LTD.

East Malling, Nr. Maidstone, Kent. *T.A.:* "Goldwell Mills, East Malling."
*Tel. West Malling* 2356

*Chairman:* A. R. Bette-Bennett. *Chief Executive:* R. W. Niblett. *Directors:* P. G. Corbett, F.C.A., S. P. Pyke, R. H. Cornwall-Legh. *Secretary:* M. R. Tyrer, A.C.A. *Technical Manager:* W. Pretty. *Factory Manager:* W. Bennett. *Sales Manager:* B. Bush. *Marketing Manager:* M. Begbie-Clench. *Engineer:* H. Pankhurst. *Chemist:* R. Dodds. *Buyer:* W. Pretty.

SUBSIDIARY COMPANIES: *Baby Bob Ltd., Goldwell (Scotland) Ltd., Puits d'Or Ltd., Vironic Ltd.*

BRAND NAMES: *Baby Bubbly, Calypso, Snowball, Wicked Lady, Pink Lady, Wee McGlen.*

PRODUCTS: *Perry, Soft Drinks.*

## GOMERSALL'S MAGPIE MINERALS LTD.

Tingley, Wakefield, WF3 1QZ. *T.A.:* "Magpie, Tingley, Wakefield."
*Tel. Morley* 3641

*Chairman and Managing Director:* H. Gomersall. *Directors:* G. N. Gomersall, T. A. Gomersall, M. Gomersall. *Secretary:* G. C. Wroe. *Production and Factory Manager:* A. Norman. *Sales Manager:* K. Kinghorn. *Chemist:* T. A. Gomersall, A.R.C.S., B.Sc.

SUBSIDIARY COMPANY: *Gomersall's (Soft Drink) Developments Ltd.*

BRAND NAMES: *Magpie Minerals, Diamond Shandy, Fun, Svelte, Jinks, Black Diamond, Maltex, Duette, Chuck, Vodkik.*

PRODUCT: *Soft Drinks.*

## GOODALL, BACKHOUSE & CO. LTD.

Sovereign Street, Leeds, 1. *T.A.:* "Relish Leeds 1." *Tel. Leeds* 450791

*Chairman:* H. R. Hawley. *Managing Director:* L. H. Carter. *Directors:* H. A. Farrar, M. A. Farrar, M. L. Farrar (*Sales*), J. W. Holmes. *Secretary:* J. W. Holmes. *Production Manager:* E. Burton. *Factory Manager:* R. R. Beal. *Marketing Manager:* F. M. Hardman. *Chemist:* S. Uddin, B.Sc. *Buyer:* A. H. Layfield.

PARENT COMPANY: *Hammonds Sauce Co. Ltd.*

ASSOCIATED COMPANY: *Hammonds Vinegar Co. Ltd.*

BRAND NAMES: *Yorkshire Relish, Goodall's.*

PRODUCTS: *Arrowroot, Curry Powder, Essences, Colouring and Flavours, Gravy Browning, Herbs (Culinary), Pudding Mixes, Sauces, Spices, Vinegar.*

## GOODBODY, C. A. & W., LTD.

Hampton Street, Plymouth, Devon, PL4 8DA. *Tel. Plymouth* 68481

*Directors:* W. Garfield Weston, F. P. Acres, A. G. Strong, M. Osborne, R. J. Pantlin.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

BRAND NAMES: *Goodbody's, Sunblest Bread, Devon Maid Cakes.*

PRODUCTS: *Bread, Cakes.*

## GOULD, HIBBERD & RANDALL LTD.

7, Church Litten, Newport, Isle of Wight *Tel. Newport (I.o.W.)* 098381 2487

*Chairman:* W. J. Sullivan. *Managing Director:* L. J. Harvey. *Directors:* L. J. V. Warren, T. A. Scrutton. *Secretary:* R. S. W. Dubber. *Factory Manager:* N. L. Fallick. *Buyer:* L. J. Harvey.

PARENT COMPANY: *Beecham Group Ltd.*

BRAND NAME: *Kixse.*

PRODUCTS: *Soft Drinks, Table Waters.*

## GRACEY BROTHERS LTD.

Great George's Street, Belfast, N. Ireland. *Tel. Belfast* 23414

FACTORY: *Hillall, Lisburn, Northern Ireland. T.A.:* "Gee Bee Lisburn." *Tel. Lisburn* 4231.

*Chairman and Managing Director:* R. J. Edgar. *Directors:* W. P. O'Kane, D. Moreland. *Secretary:* S. Kerr. *Production Manager:* P. Longhurst. *Sales Manager:* J. McKittrick. *Engineer:* G. Irwin. *Chemist:* M. Ervine.

PARENT COMPANY: *Associated Egg Packers (Holdings) Ltd.*

BRAND NAME: *Hillhall.*

PRODUCTS: *Fruits (quick frozen), Poultry (quick frozen).*

## GRANOSE FOODS LTD.

Stanborough Park, Watford, Herts. *T.A.:* "Granose Watford." *Tel: Garston* 72281

*Chairman:* E. H. Foster. *Managing Director:* A. H. Evans. *Directors:* Don Lowe, E. Merchant, G. L. Anniss, J. Ginbey, B. W. Ball, D. C. Jackson. *Secretary and General Manager:* A. H. Evans, A.I.S.M. *Factory Manager:* F. L. Brookes. *Marketing Manager:* A. G. Beecroft, F.I.S.M. *Buyer:* F. L. Brookes.

PARENT COMPANY: *British Advent Missions Ltd.*

BRAND NAMES: *Yex, Nuttolene, Granose Swiss-Cup, Nutmeat, Rissol Nut, Saviand, Granogen, Granolac, Kwic-Bru, Sunnybisk.*

PRODUCTS: *Beverages, Breakfast Cereals, Christmas Puddings, Crispbread, Diabetic Food, Dietetic Food, Honey, Nut Foods, Peanut Products, Yeast Extract.*

## GRANT BROS. (MEAT CANNERS) LTD.

Richmond Bridge Factory, Galston, Ayrshire. *Tel. Galston* 820401

*Chairman and Managing Director:* J. McCulloch Grant. *Directors:* Mrs. E. Grant, W. M. W. Gracie. *Secretary:* Miss J. D. Ferguson. *Production and Factory Manager:* A. Zavaroni. *Sales Marketing Manager:* W. M. W. Gracie. *Engineer and Buyer:* A. Zavaroni.

SUBSIDIARY COMPANY: *James Grant (Fleshers) Ltd.*

BRAND NAME: *A. & B.*

PRODUCTS: *Meat Products (Canned).*

## GRAY, DUNN & CO. LTD.

75, Stanley Street, Kinning Park, Glasgow, G41 1JF.
*T.A.:* " Grade Glasgow." *Tel.* 041-429 2674. *Telex:* 77450

*Chairman:* Wm. S. Porteous. *Managing Director:* J. H. Gray. *Director:* P. A. Hewitt. *Secretary:* T. Copley.

PARENT COMPANY: *Rowntree Mackintosh Ltd.*

BRAND NAMES: *Blue Riband, Joy, Hampden Wafers, Breakaway.*

PRODUCTS: *Biscuits, Biscuits (Wafer).*

## GRAY KNIGHT & CO. LTD.

24, Swete Street, London, E.13. *Tel.* 01-203 3394

PRODUCTS: *Sugar, Syrup and Treacle, Vegetable Extracts.*

## GREATER NOTTINGHAM CO-OPERATIVE SOCIETY LTD.

243, Derby Road, Lenton, Nottingham, NG7 1QP. *Tel. Nottingham* 44021
*T.A.:* "Co-operativ Nottingham"

*Chief Executive Officer:* L. A. Harrison. *Marketing Manager Food:* G. W. Messom, J.P.

DAIRY: Beechdale Road, Aspley. *Tel.* 292451.
*Manager:* R. J. Bracegirdle.

PORK FACTORY: *Acton Road, Long Eaton.*
*Manager:* D. Roadley.

BRAND NAMES: *Meadowglade, Premier (Poultry, Pies and Sausages).*

PRODUCTS: *Butter, Cheese, Dripping, Meat Pies, Milk Powder, Sausages.*

## GRECO'S BISCUITS LTD.

Biscona Works, Craven Road, Leeds, 6. *Tel. Leeds* 26595

*Chairman and Managing Director:* Joseph Greco. *Director:* Clara Greco. *Secretary:* Joseph Greco.

BRAND NAMES: *G.B. Apollo, Pop, Star, Starlet, Cresta, Oyster Shells, Mercury, Jupiter, Venus.*

PRODUCT: *Biscuits (Wafer).*

## GREEN, G. W. (BOURNEMOUTH) LTD.

Alder Road, Parkstone, Dorset. *Tel. Bournemouth* 740000

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

BRAND NAMES: *Mothers Pride, Nimble.*

PRODUCTS: *Bread, Cakes.*

## GREEN, G. W., (GOSPORT) LTD.

St. Thomas's Road, Hardway, Gosport, Hants. *Tel. Gosport* 81234

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## GREEN, H. J., & CO. LTD.

Portland Road, Hove, BN3 5ST, Sussex. *T.A.:* " Custard Brighton."
*Tel. Brighton* 47275/8 and 47409

FACTORY: *Pillsbury Foods, Thurcroft, Nr. Rotherham.*

*Chairman and Managing Director:* B. Moyle. *Directors:* D. J. Earl, P. W. Hill (*Sales*), J. Jensen (*Marketing*), R. Trott (*Production*), M. Roeder (*Managing Director, Refrigerated Division*). *Directors resident in U.S.A.:* T. Hanold, W. H. Spoor. *Secretary:* D. E. Webber. *Research and Development Manager:* Dr. A. Morton. *Buyer:* P. M. Gregory.

PARENT COMPANY: *Pillsbury Company (U.S.A.).*

SUBSIDIARY COMPANY: *George Borwick & Sons Ltd.*

BRAND NAMES: *Green's Sponge Mixture, Carmelle, Quick-Flan, Quick-Jel, Borwick's Baking Powder, Fruit Mate.*

PRODUCTS: *Batter Mixes, Blancmange Powder, Bread Dough (quick frozen), Cake Mixes, Cornflour, Custard Powder, Dessert Powder, Desserts (prepared), Quick frozen flour confectionery (Scones, Dinner Rolls, Crescent Rolls, Danish Pastries, Apple Turnovers), Jellies (Table).*

## GRODZINSKI, A., & CO. LTD.

Overbury Road, London, N15 6RN. *Tel.* 01-802 4161

*Directors:* H. Grodzinski, R. Grodzinski, A. D. Grodzinski, J. J. Grodzinski, E. Grodzinski (*Secretary*).

PRODUCTS: *Biscuits, Bread, Cakes.*

## GROOM, H. L., & SON LTD.

Belmont Road, Erith, Kent. *Tel. Erith* 32646

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

BRAND NAMES: *Homestead Loaf, Mothers Pride, Sunshine Loaf.*

PRODUCTS: *Bread, Cakes.*

## GROSVENOR CONFECTIONERY CO. LTD.

Pleasant Road, Southend-on-Sea, Essex, SS1 2HJ. *Tel. Southend-on-Sea* 66367

*Managing Director:* S. G. Knatchbull. *Director:* W. F. Knatchbull. *Secretary:* I. C. Warren. *Factory Manager:* S. G. Knatchbull. *Buyer:* S. G. Knatchbull.

BRAND NAME: *Grosvenor Brand.*

PRODUCT: *Sweets (Boiled Sugar).*

## GUINNESS, ARTHUR, SON & CO. LTD.

SUBSIDIARY COMPANIES: *Callard & Bowser Ltd., Callard & Bowser, Nuttall Ltd., Nuttall Riley Ltd.*

## GUNSTONE, WM., & SONS LTD.

Stubley Lane, Dronfield, Sheffield, S18 6PF. *Tel. Dronfield* 4651

*Chairman:* A. Green. *Director:* W. P. R. Boobyer, W. E. Gunstone, O. C. Cross (*Secretary*). *General Manager:* N. Wall.

PARENT COMPANY: *Smiths Flour Mills Ltd.*

BRAND NAMES: *Ducal, Compass, Nosegay, Three Leaf.*

PRODUCTS: *Bread, Cakes, Christmas Puddings.*

## HAGENBACH, CHARLES, & SONS LTD.

Chald Lane, Wakefield, West Yorkshire. *Tel. Wakefield* 74201

*Directors:* K. J. Wroe, F. P. Acres, J. U. Scott, J. Thomas.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## HALES BREAD BAKERY (WEST DRAYTON) LTD.

Sipson Road, West Drayton, Middx. *Tel.* 01-759 1955

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

BRAND NAME: *Mothers Pride.*

PRODUCT: *Bread.*

## HALE-TRENT CAKES LTD.

Tickenham Road, Clevedon, Somerset. *T.A.:* " Cakes Clevedon Telex." *Telex:* 44113. *Tel. Clevedon* 2281

*Chairman:* A. E. Stocks. *Managing Director:* G. S. Salmon. *Directors:* H. Salmon, K. A. Gould, F.C.I.S. (*and Secretary*), D. Maddock (*Production*). *Marketing Manager:* I. S. G. Gazzard. *Engineer:* A. M. Perrett. *Chemist:* P. M. Meddings. *Buyer:* T. E. Stepney.

PARENT COMPANY: *Hale-Trent* (*Holdings*) *Ltd.* (*J. Lyons Group of Companies*).

SUBSIDIARY COMPANY: *Far Famed Cake Co. Ltd.*

BRAND NAME: *Hales Cakes.*

PRODUCT: *Cakes.*

## HALL, DAVID A., LTD.

Broxburn, West Lothian, EH52 5AW. *Tel. Broxburn* 3300

*Chairman:* J. A. Hall. *Managing Director:* D. R. Hall. *Directors:* R. W .Lennox, W. M. Yuill, L. Murray (*and Secretary*). *Production Manager:* W. M. Yuill. *Sales/Marketing Manager:* R. W. Lennox. *Engineer:* J. Aldred. *Chemist:* T. Moffat. *Buyer:* T. H. McGrow.

BRAND NAMES: *Chork, Satisfryers.*

PRODUCTS: *Bacon, Ham, Meat Pies, Meat Products* (*Canned*), *Meat Products* (*Open Pack*), *Sausages.*

## HALL BROS. (WHITEFIELD) LTD.

Dumers Lane, Radcliffe, Lancs. Manchester M26 9QT.
*T.A.:* " Mentholyptus Whitefield." *Tel.* 061-766 5471.
*Telex:* 667074 (Halls Radcliffe)

*Chairman and Managing Director:* E. S. Schofield, J.P. *Directors:* D. G. Edge, W. J. Curtis. *Production Manager:* K. Steadman. *Engineer:* T. San Juan. *Chemist:* C. Cummings. *Buyer:* S. J. H. Maud.

PARENT COMPANY: *William R. Warner Co. Ltd.* (*Warner-Lambert Co.* (*U.S.A.*) ).

BRAND NAME: *Dentyne.*

PRODUCTS: *Sweets* (*Boiled Sugar*), *Chewing gum.*

## HAMMONDS SAUCE CO. LTD.

Riverdale Works, Dockfield, Shipley, Yorks. *Tel. Shipley* 51313

*Chairman and Managing Director:* H. R. Hawley. *Directors:* M. A. Farrar, H. A. Farrar, M. L. Farrar (*Sales*), J. W. Holmes, L. H. Carter. *Secretary:* J. W. Holmes. *Production Manager:* J. W. Holmes. *Factory Manager:* S, Nowell. *Marketing Manager:* F. M. Hardman. *Engineer:* V. Pogson. *Chemist:* S. Uddin, B.Sc. *Buyer:* H. A. Farrar.

SUBSIDIARY COMPANIES: *Goodall, Backhouse & Co. Ltd., Hammonds Vinegar Co. Ltd.*

BRAND NAME: *Hammonds Chop Sauce.*

PRODUCTS: *Sauces, Vinegar.*

## HANSEN'S, CHR., LABORATORY LTD.

476, Basingstoke Road, Reading, RG2 0QL. *Tel. Reading* 861056
*T.A.:* "Renesnah, Reading" *Telex:* 847003

BRAND NAME: *Hansen's.*

PRODUCTS: *Rennet, Butter and Cheese colouring.*

## HARDEMAN, LINDA (HEALTH FOODS) LTD.

20, Broomhills, Braintree, Essex. *Tel. Braintree* 22362

*Chairman:* Linda Hardeman. *Managing Director:* Jeffrey Hunter. *Production Manager:* Philip Heathcote. *Engineer:* Richard Warwicker.

BRAND NAME: *California Revival.*

PRODUCT: *Breakfast Cereals.*

## HARDING & SONS (BAKERS) LTD.

Granby Avenue, Garrett's Green, Birmingham B17 9NU
*Tel.* 021-783 6031

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

BRAND NAME: *Homestead.*

PRODUCTS: *Bread, Cakes.*

## HARRADINE, J., & SONS LTD.

Penguin House, Carlisle, Cumberland. *T.A.:* " Penguin Carlisle."
*Tel. Carlisle* 26262

*Chairman and Managing Director:* P. Bond. *Director:* M. Johnson. *Secretary:* R. Surfleet. *General Manager:* A. M. Grant. *Sales Director:* W. Love. *Engineer:* R. Haddock. *Buyer:* Mrs. M. Beattie.

PARENT COMPANY: *Carter Penguin Group Ltd.*

ASSOCIATED COMPANY: *Penguin Confectionery Co. Ltd.*

BRAND NAMES: *Bambies, Brytees, Dems, St. James, Norvil.*

PRODUCTS: *Ginger (Crystallized), Ginger in Syrup, Sweets (Boiled Sugar), Sweets (General), Sweets (Toffees).*

## HARRINGTON & SON LTD.

Stephenson Way, Three Bridges, Crawley, Sussex. *Tel. Crawley* 25576

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## HARRIS, C. & T., (CALNE) LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MANUFACTURERS OF BACON, SAUSAGES AND PIES*

**Calne, Wilts.** ***Tel. Calne* 2261**

OTHER FACTORIES: *Redruth, Cornwall; Totnes, Devon.*

*Chairman:* Sir John Stratton, C.B.E. *Managing Directors:* J. C. Stokes, A. P. Christy. *Directors:* M. Berg, E. E. Marsh, J.P., J. A. Payne, O.B.E., J. W. H. Taylor. *Secretary:* R. Beck. *Group Purchasing Manager:* P. J. Heard (Calne).

PARENT COMPANY: *Marsh & Baxter Ltd. (F.M.C. Group).*

SUBSIDIARY COMPANIES: *Dunmow Flitch Bacon Co. Ltd., Harris (Eastleigh) Ltd., Harris (Ipswich) Ltd., A. Kirkpatrick of Scotland Ltd., Oake Woods & Co. Ltd., The Vale of Mowbray Bacon Co. Ltd., Wiltshire Bacon Co. Ltd.*

BRAND NAMES: *Harris, Harris Wiltshire Sausages, Crown Brand, Harris Sweetcure.*

PRODUCTS: *Bacon, Canned Meats, Ham, Lard, Meat Pies, Meat Products (open pack), Sausages.*

## HARRIS (EASTLEIGH) LTD.

Eastleigh, SO5 4YQ. *Tel. Eastleigh* 2777

*Chairman:* Sir John Stratton, C.B.E. *Director:* J. C. Stokes. *Secretary:* R. Beck.

PARENT COMPANY: *C. & T. Harris (Calne) Ltd. (F.M.C. Group).*

PRODUCTS: *Bacon, Ham, Lard, Sausages.*

## HARRIS (IPSWICH) LTD.

Hadleigh Road, Ipswich, Suffolk. *Tel. Ipswich* 56644

*Chairman:* Sir John Stratton, C.B.E. *Directors:* J. C. Stokes, R. E. Burt, A. P. Christy, M. A. Skidmore, R. Willmott. *Secretary:* R. Beck.

PARENT COMPANY: *C. & T. Harris (Calne) Ltd. (F.M.C. Group).*

PRODUCTS: *Bacon, Ham, Meat Products (open pack), Lard, Sausages.*

## HARRY'S PIES LTD.

Avana Buildings, Pendyris Street, Cardiff, Glamorgan.
*T.A.:* "Avana Cardiff." *Tel. Cardiff* 25521

OTHER FACTORIES: *Crown Bakeries, The Willows, Pentrebach, Merthyr Tydfil, Fforestfach Trading Estate, Swansea.*

*Chairman:* Sir Julian Hodge. *Directors:* J. R. Taylor, H. W. Morris. *Secretary:* T. H. J. Barrett, F.C.A.

PARENT COMPANY: *Avana Group Ltd.*

BRAND NAME: *Harry's.*

PRODUCT: *Meat Pies.*

## HART, J. T., & SONS LTD.

301/307, Central Markets, Smithfield, London, EC1A 9NA.
*T.A.:* " Nourishable Smith." *Tel.* 01-236 0055

FOOD FACTORY: 516, *Central Markets, Smithfield, London, E.C.*1. *Tel.* 01-236 0055.

*Directors:* P. L. Chalk, D. Chalk, N. S. Buddery. *Buyer:* M. Sentance.

PARENT COMPANY: *Matthews Holdings Ltd.*

PRODUCTS: *Ham, Meat Pies, Meat Products (open pack), Pastry (Puff), Pastry (Short), Sausages.*

## HARTLEY'S (OF POTTED BEEF FAME) LTD.

Adalux House, 463/479, Ecclesall Road, Sheffield, S11 8PP.
*Tel. Sheffield* (0742) 60452

*Chairman and Managing Director:* C. Hartley. *Directors:* L. Hartley, M. C. Hartley. *Secretary and Buyer:* M. C. Hartley. *Factory Manager:* P. Barraclough.

BRAND NAME: *A Daily Luxury.*

PRODUCTS: *Meat Products (open pack), Pastes (fish), Pastes (meat), Meat and Fish Spreads (open pack).*

## HARVEY, J. T., LTD.

Cale Lane, Aspuil, Wigan, Lancs. *Tel. Wigan* 41371

PARENT COMPANY: *Ranks Hovis McDougall Ltd*

PRODUCTS: *Bread, Cakes.*

## HAWORTH & SONS (NELSON) LTD.

Forest Street, Nelson, Lancs. *Tel. Nelson* 65043

*Chairman:* Mrs. B. Bradbury. *Managing Director:* K. H. Bradbury. *Director:* Mrs. K. Haworth. *Director and Secretary:* J. I. Haworth *Production Manager:* B. Haworth. *Sales Manager:* K. H. I. Bradbury. *Engineer:* J. I. Haworth.

PRODUCTS: *Soft Drinks, Table Waters.*

## HAY, WILLIAM, & SONS (ABERDEEN) LTD.

14, Berryden Road, Aberdeen. *Tel. Aberdeen* 26231

OTHER FACTORIES: *Beverley Road, Inverurie. Tel. Inverurie* 2308. 41, *Borough Briggs Road, Elgin. Tel. Elgin* 3421.

*Chairman and Joint Managing Director:* Alexander D. Hay. *Joint Managing Director:* Johnston F. Hay. *Directors:* Cyril T. Hay, William D. Hay, Michael J. M. Hay. *Secretaries:* Messrs. Watt & Cumine, Advocates. *Production Manager:* James M. Boyne. *Factory Manager:* James B. Whyte. *Sales Marketing Manager:* Alan A. Dinnie. *Engineer:* John Farquhar. *Chemist:* Thomas B. Watson. *Buyers:* Alexander D. Hay, James M. Boyne, William D. Hay.

BRAND NAMES: *Hay's, Suncel, Blue River, Prima.*

PRODUCTS: *Cider, Soft Drinks, Table Waters.*

## HAZLEWOOD & CO. (PRODUCTS) LTD.

Empire Works, Rowditch, Derby. *Tel. Derby* (0332) 45666

*Chairman:* H. R. Towning. *Managing Director:* P. E. Barr. *Directors:* A. Fox, A. Hazlewood, C. W. Moores. *Secretary:* A. Hazlewood, Jr. *Production Director:* C. W. Moores. *Factory Manager:* C. W. Moores. *Sales Manager:* P. E. Barr. *Engineer:* R. Merriman. *Chemist:* M. J. Weston. *Buyer:* C. M. Bateman.

PARENT COMPANY: *Hazlewoods (Proprietary) Ltd.*

BRAND NAMES: *Beetop Sauce, Haza Tomato Piquant, Crown Derby Chopped Piccalilli, Crown Derby Sweet Pickle, Chip Sauce.*

PRODUCTS: *Gravy Browning, Pickles, Sauces, Soft Drinks, Vinegar.*

## HEAP, JOSEPH, & SONS LTD.

12, The Temple, Dale Street, Liverpool, L69 2AT. *T.A.:* " Heap Liverpool."
*Telex:* 628232. *Tel.* 051-236 0193

FACTORY: *Rice Mills, Upper Pownall Street, Liverpool, L1 8EG.*
*Tel.* 051-709 4330

*Chairman:* J. H. Gaunt, C.A. *Managing Director:* C. E. Nicholson. *Directors:* H. Van Schaardenburg, R. A. Heldman. *Secretary:* J. Howe, A.C.A. *Commercial Manager:* C. Johnson. *Production Manager:* J. Dillon. *Sales Manager:* R. S. Hodson. *Engineer:* H. Vickerstaff.

PARENT COMPANY: *Euryza Group.*

SUBSIDIARY COMPANIES: *Mersey Rice Co. Ltd., Garbutt & Co. Ltd.* (1928) *Ltd.*

BRAND NAMES: *Peacock, Sunbeam, Golden Temple, Temple, Sire.*

PRODUCTS: *Pearl Barley, Rice Flour, Parboiled Rice.*

## HEINZ, H. J., CO. LTD.

*BY APPOINTMENT TO HER MAJESTY THE QUEEN*
*PURVEYORS OF HEINZ PRODUCTS*

Hayes Park, Hayes, Middx., UB4 8AL.
*T.A.:* " Heinz Hayes Middlesex."
*Telex:* 261477. *Tel.* 01-573 7757

FACTORIES: *Harlesden, London, N.W.*10. *Tel.* 01-965 5757. *Kitt Green, nr. Wigan. Tel. Wigan* 82681. *Standish, nr. Wigan. Tel. Standish* 2257.

*Chairman:* H. J. Heinz (U.S.A.). *Deputy Chairman:* J. A. Connell. *Managing Director:* C. F. Lowe. *Directors:* R. B. Gookin (U.S.A.), A. J. F. O'Reilly (Irish), W. Haxton, G. G. Popham, K. L. Smart, A. P. Vincent, F. G. Crabb, R. B. Norman, A. Beresford, D. H. Rowe, R. King, J. Bodmer. *Secretary:* K. L. Smart.

PARENT COMPANY: *H. J. Heinz Company (U.S.A.).*

SUBSIDIARY COMPANIES: *Pickerings Foods Ltd., The Samor Pure Foods Ltd., J. G. Read (Poultry) Ltd., W. Darlington & Sons (Holdings) Ltd.*

ASSOCIATED COMPANY: *Heinz-Erin Ltd.*

BRAND NAME: 57 *Varieties.*

PRODUCTS: *Baked Beans (Canned), Christmas Pudding, Custard (Canned), French Dressing, Fruit Juices, Gravy Browning, Infant Foods, Macaroni Cheese, Meat products (Canned), Pasta Products, Pickles, Potato Salad, Prepared Meals (Canned), Puddings (Canned) milk, Puddings (Canned) Sweet, Ravioli (Canned), Rice Pudding (Canned), Salad Cream, Sandwich Spreads, Sauces, Soup (Canned), Spaghetti (Canned), Spaghetti Sauces, Tomato Juice, Vegetable Salad (Canned), Vinegar.*

## HERRIDGE FOODS LTD.

Sandbeck Way, Wetherby, Yorks. *T.A.:* " Goldenfry, Wetherby."
*Tel. Wetherby* 3631

*Chairman:* R. B. Adderley. *Managing Director:* Kenneth E. Herridge. *Directors:* A. C. Smart, F. Goulding. M. L. Herridge (*Production*). *Secretary:* John Lister. *Engineer:* R. Cox.

BRAND NAME: *Goldenfry.*

PRODUCTS: *Cake Mixes, Gravies, Pudding Mixes, Sauces (Apple, Chocolate, Tartare), Sauce Mixes, Stuffing.*

## HEYGATES LTD.

Bugbrooke Mills, Bugbrooke, Northampton. *T.A.:* " Heygate Bugbrooke."
*Tel. Northampton* 830381

OTHER MILLS: *New Mill, Tring, Herts. Tel. Tring* 3311. *Eagle Roller Mills, Downham Market, Norfolk. Tel. Downham Market* 3361.

*Directors:* J. M. Heygate, A. R. Heygate, J.P. *Secretary:* W. Myers, A.C.C.A. *Production Manager:* A. R. Heygate, Jnr., M.A. *Sales Manager:* P. M. Heygate. *Engineer:* T. Smith. *Chemist:* K. Keveren. *Buyers:* J. N. B. Ussher, J. D. Hutchcraft.

ASSOCIATED COMPANY: *Parsons Flour Mill (Throop) Ltd.*

PRODUCT: *Flour.*

## HILL BISCUITS LTD.

Smith Street, Ashton-under-Lyne, Lancs., OL7 0BR.
*T.A.:* " Biscuits, Ashton-under-Lyne." *Tel.* 061-330 3617

*Chairman:* Mr. D. Cramb. *Directors:* F. Bussey, N. F. Robinson, G. H. Hill, John Pelly. *Secretary:* A. E. Wild.

PARENT COMPANY: *Rowntree Mackintosh Ltd.,*

PRODUCT: *Biscuits.*

## HILL, PALMER & EDWARDS LTD.

Valley Road, Exwick, Exeter, Devon EX4 2AT. *Tel. Exeter* 79161

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## HILLIER'S BACON CURING CO. LTD.

Newmarket Bacon Factory, Nailsworth, Stroud, Glos. *Tel. Nailsworth* 2691

*Managing Director:* R. W. H. Oliver. *Directors:* J. M. Evans, J. A. L. Baty. *Secretary:* A. F. R. Payne. *Sales/Marketing Manager:* M. J. Bourne. *Engineer:* L. Duxbury. *Chemist:* L. J. Franklin. *Buyer:* J. M. Evans.

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bacon, Ham, Meat Pies, Meat Products (Open Pack), Sausages.*

## HILLS & PARTRIDGE LTD.

Walton Mills, Aylesbury, Bucks. *Tel. Aylesbury* (0296) 82741

PRODUCTS: *Flour, Flour (Self-Raising).*

## HOGARTH, JOHN, LTD.

Kelso Mills, Kelso, Roxburghshire, TD5 7HR. *Tel. Kelso* 2224

*Chairman and Managing Director:* F. C. A. Miller. *Directors:* J. P. Murray, R. Fraser, D. R. Brown, B.A., Dip.Agric.(Cantab.), I. G. A. Miller, C.A. *Secretary:* A. Dagg.

PRODUCTS: *Oatmeal, Pearl Barley.*

## HOLBROOKS LTD.

87, South Lambeth Road, London, SW8 1RE. *Tel.* 01-735 8100

*Chairman and Managing Director:* G. F. Bond. *Directors:* K. C. Meyrick. *Secretary:* B. A. Killick.

PARENT COMPANY: *British Vinegars Ltd.*

PRODUCT: *Sauce (Worcestershire).*

## HOLLINS, A. & M., FORD HALL FARM

Market Drayton, Salop. *T.A.:* Fordhall Organic Farm, Market Drayton, Salop. *Tel. Tern Hill* 255

*Directors:* A. Hollins, Mrs. I. M. Hollins. *Secretary:* Mrs. Martin. *Factory Manager:* Mrs. I. Pennell. *Sales Marketing Manager:* A. Hollins.

BRAND NAME: *Ford Hall.*

PRODUCT: *Cheese (Processed).*

## HOLLY CONFECTIONERY CO. LTD.

Moss Industrial Estate, St. Helens Road, Pennington, Leigh, Lancs. *Tel. Leigh (Lancs.)* 6171

*Chairman & Managing Director:* J. S. Berry. *Directors:* G. C. Berry, D. G. Berry. *Secretary:* J. S. Berry. *Production Manager:* G. C. Berry. *Factory Manager:* J. Earnshaw. *Buyer:* J. S. Berry.

PRODUCT: *Sweets (Boiled Sugar).*

## HOME BAKING CO. LTD.

Primrose Hill, Rotherham, Yorks. *Tel. Rotherham* 5891

PARENT COMPANY: *W. J. Brookes and Sons Ltd. (Ranks Hovis McDougall Group).*

PRODUCTS: *Bread, Cakes.*

## HOMESTEAD PRODUCE CO. (L'POOL) LTD.

9 Derby Place, Liverpool, L13 1AR.
*T.A.:* " Sunflower Liverpool 13". *Tel.* 051-228 2546

*Chairman and Managing Director:* A. S. Warren. *Directors:* H. N. Mercer, H. M. Pearce, P. Warren. *Secretary:* S. Douglas.

BRAND NAMES: *Bonovin, Homestead, Riverside-Pasture.*

PRODUCTS: *Bacon, Dripping, Ham, Meat Extract, Meat Products (open pack), Sausages.*

### HOPKIN MORGAN BAKERIES LTD.

Morfydd Street, Morriston, Nr. Swansea, SA6 8BX.
*Tel. Swansea* 72321

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*
PRODUCTS: *Bread, Cakes.*

### HOPKIN MORGAN BAKERIES LTD.

East Street, Pontypridd, Glam. *Tel. Pontypridd* 402243
PARENT COMPANY: *Ranks Hovis McDougall Ltd.*
PRODUCTS: *Bread, Cakes.*

### HORLICKS LTD.

*BY APPOINTMENT TO THE LATE KING GEORGE VI PURVEYORS OF MALTED MILK*
(*See Beecham Foods*)

### HOROWITZ, C. & J.

336, Chester Road, Cornbrook, Manchester, M16 9EA.
*Tel.* 061-872 3495

*Director:* A. Wright. *Secretary:* J. Simms. *Managers:* R. G. Clarke (Manchester), R. L. Wells (Hull).

PARENT COMPANY: *Thomas Robinson, Sons & Co. Ltd.* (*Oriel Foods Ltd.*).
PRODUCT: *Bacon.*

### HORRELL & SON LTD.

Stoke Vale Cider Factory, Stoke Canon, Exeter, EX5 4AX.
*Tel. Stoke Canon* 286

*Chairman:* A. E. Ledger Hill, O.B.E., D.L. *Directors:* H. F. Joy, F.C.A., G. R. Ludlow, L. G. F. Horrell, O.B.E., M. B. Ludlow, E. W. Ludlow, E. W. J. Horrell. *Manager:* D. W. Sowell. *Secretary:* J. A. Luthwaite, F.C.I.S.

PARENT COMPANY: *J. A. Devenish & Co. Ltd.*
BRAND NAME: *Stoke Vale.*
PRODUCT: *Cider.*

### HORTONS FROZEN PRODUCTS LTD.

61, Palmerston Road, Bournemouth, BH1 4TA. *Tel. Bournemouth* 39881

*Chairman:* J. C. Exton. *Managing Director:* I. B. Calderwood. *Directors:* P. Harrison, F.C.A. *Secretary:* D. W. Billings. *Works Manager:* G. Eaves, B.Sc.(Hons.). *Sales Manager:* H. E. J. Tomasso. *Chief Engineer:* G. I. Burns.

SUBSIDIARY COMPANY: *Lactic Ltd.*
ASSOCIATED COMPANIES: *E. Thomas (Bournemouth) Ltd., Ice Box Ltd.*
BRAND NAME: *Hortons Ice Cream.*
PRODUCT: *Ice-Cream.*

## HOSKIN, A., & SONS

New Orchard Lane, Thurcroft, Rotherham, Yorks. *Tel. Wickersley* 4771

*Secretary:* C. Grundy. *Factory Manager:* P. V. Hoskin. *Buyer:* P. V. Hoskin.

BRAND NAME: *Hoskin's.*

PRODUCTS: *Fruits (Bottled), Pickles.*

## HOUSE OF CLARKS LTD.

Blackborne Road, Dagenham, Essex. *T.A.:* " Creambarli."
*Tel.* 01-592 0221

*Chairman:* G. S. Pitt. *Directors:* R. G. Whitehead, A. J. Smith, J. K. Lewis. *Secretary:* A. J. Smith. *Production and Factory Manager:* R. G. Whitehead. *Sales/Marketing Manager:* J. K. Lewis.

SUBSIDIARY COMPANIES: *Clarks Cereal Products Ltd., Best Foods Ltd., Pims Popcorn Ltd.*

BRAND NAMES: *Butterkist, Pims, Boy Blue.*

PRODUCT: *Sweets (General).*

## HOVIS LTD.

RHM Centre, 152, Grosvenor Road, London, SW1V 3JL
*Tel.* 01-828 5656

*Directors:* S. G. Metcalfe, A. H. Brown, F.C.I.S., A.C.W.A., A. E. P. Kimber *Secretary:* H. W. Roberts.

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

BRAND NAME: *Hovis*

PRODUCT: *Flour.*

## HUGHES, ALFRED, & SONS LTD.

Savoy Biscuit Factory, Bordesley Green Road, Birmingham, 9.
*T.A.:* " Cracker, Birmingham." *Tel.* 021-772 1261

*Chairman:* D. Cramb. *Managing Director:* J. G. Pelly. *Directors:* D. W. Edwards, A. K. Flynn, J. W. G. Greathead, N. F. Robinson, G. H. Hill. *Secretary:* D. W. Edwards.

PARENT COMPANY: *Rowntree Mackintosh Ltd.*

PRODUCT: *Biscuits.*

## HUGHES, BERNARD, LTD.

90/120, Springfield Road, Belfast, BT12 7AL. *T.A.:* "Hughes, Belfast."
*Tel. Belfast* 28271/5

*Chairman:* J. A. Kennedy. *Directors:* Brian M. K. McGuigan, T. D. Lorimer, J. T. Eaton, J. B. Kennedy, Wm. McCormick, F.A.I., H. P. Kennedy, S. O'Hara. *Secretary:* J. P. McCormick. *Production Manager:* J. Mills. *Sales Marketing Manager:* J. Reid. *Engineer:* R. McAuley.

SUBSIDIARY COMPANIES: *Eatons Ltd., J. B. Kennedy, Ltd.*

PRODUCTS: *Bread, Cakes.*

## HULL & EAST RIDING CO-OPERATIVE SOCIETY LTD.

238, Jameson Street, Hull, Yorks. *T.A.:* "Co-operative Society Hull."
*Tel. Hull* 25021

FACTORY: *Pork Factory, Caroline Place, Hull. Tel. Hull* 36583.

*Chairman:* F. Hall. *Secretary:* J. D. Macpherson. *Production and Factory Manager:* A. W. Cuthbertson. *Engineer:* N. Perkins. *Chemist:* S. Cooper.

PRODUCTS: *Dripping, Meat Pies, Meat Products (Open Pack), Sausages.*

## HULLEY'S DAIRY LTD.

179, Cross Hill, Ecclesfield, Sheffield. *Tel. Ecclesfield* 4343

*Managing Director:* T. C. Midgley. *Directors:* F. D. Hulley, G. K. Hulley, P. M. Turner, B. Thomas (*Secretary*).

PARENT COMPANY: *Treat Products Ltd.*

PRODUCT: *Ice Cream.*

## HUMBER PICKLE CO. LTD.

Oxford Street, Hull, Yorks., HU2 0QS. *Tel. Hull* 29064

*Chairman and Managing Director:* Edward A. Hickson. *Directors:* Jean M. Hickson, Arthur L. Featherston, J. W. McGregor, A. J. Hickson. *Secretary:* J. S. Lines. *Production and Factory Manager:* J. Jones. *Sales Marketing Manager:* S. Hunt. *Engineer:* S. Whitehurst. *Buyer:* E. A. Hickson.

SUBSIDIARY COMPANY: *Celia Products (Hull) Ltd.*

BRAND NAME: *Humber.*

PRODUCT: *Pickles.*

## HUMKO PRODUCTS (Division of Kraft Foods Ltd.)

Westinghouse Road, Trafford Park, Manchester, M17 1DR. *Telex:* 667322
*Tel.* 061-872 3441

*General Manager:* C. J. Bennett. *Plant Manager:* L. Halliday. *Technical Manager:* A. Lawson. *Sales Manager:* J. Harrington. *Procurement Manager:* R. Deane.

PRODUCTS: *Cooking Fat, Edible Oil, Margarine.*

## HUNTER, JOHN A., & CO. LTD.

Broad Green, Liverpool, L14 3NF. *T.A.:* " Nosegay, Liverpool."
*Tel.* 051-228 4771

OTHER FACTORY: *Charlton Place, London, N.*1. *Tel.* 01-226 3281.

*Chairman and Managing Director:* P. B. Lockwood. *Directors:* C. R. Balfour-Smith, N. G. Horton-Mastin, F. Collins, D. F. Dyer, J. B. Donald. *Secretary:* N. Y. Jones. *General Works Manager:* F. Collins. *Sales Marketing Manager:* S. G. R. Ormond-Smith. *Chemist:* A. L. Sculthorpe. *Buyer:* W. Banks.

PARENT COMPANY: *Lockwoods Foods Ltd.*

BRAND NAMES: *Hunter's, Huntsman, Huntsmen, Superla, Hamlet, Nosegay.*

PRODUCTS: *Canned Fruit, Canned Meats, Canned Vegetables, Christmas Puddings, Ham, Meat Products (Open Pack), Pastes (Fish), Pastes (Meat), Puddings (Canned) Sweet, Sausages.*

## HUNTER, P. J., & CO. LTD.

Kelvin Works, 67, Westow Street, London, SE19 3RW. *Tel.* 01-653 4432

*Managing Director:* R. D. Hunter, M.C. *Director and Secretary:* M. Hunter.

PRODUCTS: *Breakfast Cereals, Cherries (Glace), Fruits (Dried), Macaroni Products, Nuts (Pre-packed), Oats (Rolled), Pearl Barley, Peas, Beans, Lentils (Dried), Peel, Semolina, Tapioca.*

## HUNTERS THE BAKERS LTD.

Kingsway, Team Valley, Gateshead, Tyne and Wear, NE11 0LT.
*Tel. Gateshead* 871121

*Directors:* W. Garfield Weston, K. J. Wroe, F. P. Acres, J. U. Scott, J. Weaver.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## HUNTLEY & PALMERS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II BISCUIT MANUFACTURERS*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER BISCUIT AND CAKE MANUFACTURERS*

(*See The Associated Biscuit Manufacturers Ltd.*)

## HYGRADE MEATS LTD.

Latona Road, London, S.E.15. *T.A.:* " Hygradex, London, S.E.15."
*Tel.* 01-732 8711

*Chairman:* H. C. le Neve Foster. *Managing Director:* B. J. Bigwood. *Directors:* W. J. Prideaux, I. H. F. Findlay, H. M. Bigwood, R. B. Kerr, D. C. Truran, J. Bigwood, R. E. Whitworth. *Secretary:* A. W. Rennie. *Production Manager:* D. C. Truran. *Sales Manager:* R. B. Kerr. *Engineer:* E. L. Amiss. *Buyer:* I. B. Knights.

BRAND NAME: *Hygrade.*

PRODUCTS: *Ham, Meat Products (Open Pack), Meat Products (Vacuum Packed), Sausages.*

## ICEATLANTIC SEA FOODS LTD.

68, Clyde Street, Glasgow, G1 5JP. *Telex:* Chamber Glasgow 77667.
*Tel.* 041-552 2117

*Managing Director:* J. G. Davidson. *Director:* A. Simpson. *Secretary:* G. I. M. Chapman, C.A. *Production and Factory Manager:* A. Simpson. *Sales/Marketing Manager:* E. Coyne. *Engineer:* G. Johnston.

ASSOCIATED COMPANY: *James M. Davidson (Glasgow).*

PRODUCTS: *Quick Frozen Fish, Quick Frozen Fish Products.*

## IDRIS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MANUFACTURERS OF MINERAL WATER AND FRUIT BEVERAGES*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER MANUFACTURERS OF FRUIT BEVERAGES*

(*See Beecham Foods*)

## IMPERIAL FOODS LTD.

**Food Division of Imperial Group Ltd.**

1, Lygon Place, Ebury Street, London, SW1W 0JR.
*T.A.:* " Impfoods London."
*Tel.* 01-730 0288. *Telex:* 919310

*Chairman and Managing Director:* Sir Alex Alexander. *Assistant Managing Director:* A. M. Davies. *Directors:* W. H. Ashby, D. J. Councell, B. R. Cookson, Lord Edward Fitzroy, W. G. Muter, T. P. C. Smith, G. J. Thomas, E. Waller, N. W. Young. *Secretary:* D. J. Councell.

PARENT COMPANY: *Imperial Tobacco Group Ltd.*

SUBSIDIARY COMPANIES: *Golden Wonder Ltd., Marfleet Refining Co. Ltd., Ross Foods Ltd., Ross Poultry Ltd., Ross Produce Ltd., Ross Seafoods (International) Ltd., Smedley-HP Foods Ltd., Young's Seafoods Ltd.*

## INGLIS & CO. LTD.

Eliza Street, Belfast, 7, N. Ireland.
*T.A.:* " Inglis, Belfast."
*Tel. Belfast* 25222

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

SUBSIDIARY COMPANY: *Milanda Bakeries (Derry) Ltd.*

BRAND NAMES: *Inglis, Mother's Pride, Milanda.*

PRODUCTS: *Biscuits, Bread, Cakes.*

## INTERNATIONAL STORES LTD.

Mitre Square, London, EC3P 3BP.
*Tel.* 01-283 3030

SUBSIDIARY COMPANIES: *Harvey & Shillingford Ltd., Kearley & Tonge Ltd., S. J. Kilby Ltd., George J. Mason Ltd., R. Orme & Co. Ltd., Ridgways Ltd.*

## IPSWICH CO-OPERATIVE SOCIETY LTD.

38, Carr Street, Ipswich, Suffolk, IP4 1EW.
*Tel. Ipswich* 55822

FACTORIES: *Dairy, Sproughton Road, Ipswich. Butchery, Cooked Meats Factory, Sproughton Road, Ipswich. Tel. Ipswich* 41404.

*President:* M. C. Stiff. *Secretary and Chief Executive Officer:* T. R. Edmondson. *Buyer, Butchery:* J. Hill. *Buyer, Grocery:* H. Parkinson. *Buyer, Dairy:* K. J. Groom. *Buyer, Greengrocery and Fruits:* B. Mead.

PRODUCTS: *Ham, Lard, Meat Pies, Meat Products (Open Pack).*

## JACKSON, WILLIAM, & SON LTD.

40, Derringham Street, Hull, Yorks.
*T.A.:* " Coffee Hull."
*Tel. Hull* 224131

OTHER BAKERIES: *Victoria Street, Hull, Yorks. Tel. Hull* 224131. *Tenter Street, Rotherham, Yorks. Tel. Rotherham* 4286. *Yarm Road, Stockton-on-Tees, Co. Durham. Tel. Stockton* 65191. *Dewsbury Road, Wakefield, Yorks. Tel. Wakefield* 76166.

SAUSAGE AND COOKED MEAT FACTORY: *Cottingham, Yorks. Tel.* 847393.

*Chairman:* Peter Bentham Oughtred. *Joint Managing Directors:* Peter Bentham Oughtred, Brian Norman Oughtred. *Directors:* Ronald Hedley Mountifield, Frederick Aitchison, Robert Alastair McLaren, Raymond Richard Sizer Hall, George Frederick Kilburn, Martin A. Russell. *Secretary:* Geoffrey S. Nurse.

SUBSIDIARY COMPANIES: *Jackson's Golden Grain Bakeries Ltd., T. A. Scott Ltd., T. Swale* (1944) *Ltd.*

BRAND NAMES: *Tryton Inn, Welbred.*

PRODUCTS: *Bread, Cakes, Christmas Puddings, Flour Confectionery (quick frozen), Meat Pies, Meat Products (open pack), Sausages, Sausages (quick frozen).*

## JACOB, W. & R., & CO. (LIVERPOOL) LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II BISCUIT MANUFACTURERS*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER BISCUIT MANUFACTURERS*

(*See The Associated Biscuit Manufacturers Ltd.*)

## JAMESONS CHOCOLATES LTD.

Willoughby Lane, London, N17 0RX.

*T.A.:* " Ravjam London N.17."
*Tel.* 01-807 4417. *Telex:* 27754

*Chairman:* B. Whitefield. *Joint Managing Directors:* B. Whitefield, B. J.Greig. *Directors:* H. Whitefield, B. C. R. Stevens, R. H. Whitefield, J. B. Whitefield, B. H. Chamberlain. *Secretary:* A. M. Glenn. *Factory Manager:* B. C. R. Stevens. *Sales Manager:* H. Woodhatch.

SUBSIDIARY COMPANIES: *L. J. Button Ltd., Chum Confectionery Ltd., Raven Confectionery Co. Ltd.*

BRAND NAMES: *Gaiety, Ruffles, Merry Maid, Buttons, Coconut Bar, Ruffle Bar.*

PRODUCT: *Chocolates.*

## JOHNSON'S FOOD PRODUCTS (KIRKHAM) LTD.

Crown Crisp Works, Marquis Street, Kirkham, Lancs. *Tel. Kirkham* 2305

*Chairman and Managing Director:* T. Johnson. *Director:* D. Lewis. *Secretary:* M. Johnson. *Production Manager:* T. Johnson. *Factory Manager:* D. Lewis. *Sales Manager:* E. Langley. *Engineer:* R. Birch. *Buyer:* T. Johnson.

BRAND NAME: *Crown Crisps.*

PRODUCT: *Potato Crisps.*

## JOLLY CHEFS FOODS LTD.

61, Whitecross Road, Weston-Super-Mare, Somerset, BS23 1EJ.
*Tel. Weston-Super-Mare* 26909

*Managing Director:* A. P. Simpson. *Directors:* A. E. F. Hill, V. H. Barrington, R. G. C. Hanna, A. R. Moore. *Secretary:* A. S. Irving. *Sales Marketing Manager:* M. O. Hayward. *Engineer:* L. W. Marsh. *Buyer:* D. Smith.

ASSOCIATED COMPANY: *Broadhurst & Co.* (*Gadbrook*) *Ltd.*

PRODUCTS: *Pizza, Pasta Products.*

## JONES, ALFRED E., LTD.

Long Lane, Aintree, Liverpool, L9 7BA. *Tel.* 051-525 2384

PARENT COMPANY: *Ross Foods Ltd.*

BRAND NAME: *Jones of Aintree.*

PRODUCTS: *Meat Pies, Meat Products* (*Open Pack*), *Sausages.*

## JONES, D., DICKINSON CO. LTD.

Avana Buildings, Cardiff.

OTHER BAKERY: *Crown Bakery, The Willows, Merthyr Tydfil, Tel. Merthyr* 3393.

*Chairman:* Sir Julian Hodge. *Directors:* D. A. Burford, H. W. Morris, T. H. J. Barrett, F.C.A. (*Secretary*).

PARENT COMPANY: *Avana Group Ltd.*

SUBSIDIARY COMPANIES: *Ledbury Preserves* (1928) *Ltd., Arthur Davies & Co. Ltd.*

BRAND NAMES: *Delberry, Delvana.*

PRODUCT: *Cakes.*

## JONES, R. L., & CO. LTD.

St. John's Works, Mansfield, Notts.
*T.A.:* " Mandora Mansfield." *Tel Mansfield* 24661

*Managing Director:* A. R. Morton. *Directors:* I. S. C. Linney, W. H. Aikman. *Financial Director and Secretary:* F. C. Rainsford. *Production Manager:* R. W. Morgan. *Factory Manager:* A. Morgan. *Sales Marketing Manager:* G. L. Howell. *Operations Manager:* K. Perkins. *Buyer:* G. E. Templeman. *Chemist:* A. J. Francis.

SUBSIDIARY COMPANIES: *Burrows & Sturgess Ltd., Sunecta Fruit Juice Co.*

BRAND NAMES: *Mandora, Sunecta.*

PRODUCTS: *Fruit Juices, Soft Drinks.*

## JONS TOFFEE LTD.

Victoria Road, Sowerby Bridge, Yorks, HX6 3AQ. *Tel. Halifax* 31515

*Chairman and Managing Director:* John Watson. *Directors:* F. V. Lambert, F.C.A., D. Watson. *Secretary:* John Watson. *Production and Factory Manager:* H. Pearson. *Sales Marketing Manager:* John Watson. *Engineer:* H. Pearson. *Buyer:* John Watson.

SUBSIDIARY COMPANY: *W. Turner & Son*

BRAND NAMES: *Jon's, Granny's.*

PRODUCTS: *Sweets (Toffee), Sweets (General) (Fudge).*

## JUS-ROL LTD.

Tweedside Trading Estate, Berwick-on-Tweed, TD15 2UX.
*T.A.:* " Jus-Rol Berwick."
*Tel. Berwick-on-Tweed* 7737. *Telex:* 537047

*Managing Director:* J. Forsyth. *Directors:* J. S. Forsyth, M. Forsyth, A. W. Dishington, C. W. Tait. *Secretary:* A. W. Dishington.

BRAND NAMES: *Jus-Rol, Three Bells Quick Frozen Yorkshire Pudding.*

PRODUCTS: *Quick Frozen Pastry (puff), Pastry (short), Quick Frozen Vegetables (Potatoes).*

## KAVLI LTD.

Kingsway, Team Valley Trading Estate, Co. Durham, NE11 0ST.
*T.A.:* "Kavli Newcastle." *Tel. Low Fell* 877146

*Chairman, Managing Director and Secretary:* A. Sjurseth. *Directors:* J. R. Hall, E. Sundt. *Production Manager:* B. Coulson. *Factory Manager:* J. Symons. *Sales Manager:* G. Latham. *Engineer:* G. Anderson. *Chemist:* Miss M. Wallace. *Buyer:* B. Halsey.

PARENT COMPANY: *O. Kavli A/S (Norway).*

SUBSIDIARY COMPANY: *Primula Crispbread Ltd.*

BRAND NAME: *Primula.*

PRODUCTS: *Cheese (Processed), Cheese Spread, Crispbread.*

## KEDDIE LTD.

Barbecue House, Staffordshire Street, London, S.E.15.
*T.A.:* "Saucy London, S.E.15."
*Tel.* 01-639 6426

*Managing Director:* A. G. Costa. *Directors:* H. McNulty, F. O. Hausermann, S. G. Baldwin. *Secretary:* A. Farmer. *Buyer:* S. G. Baldwin.

ASSOCIATED COMPANIES: *G. Costa & Co. Ltd., Robert Jamieson & Co. Ltd.*

BRAND NAMES: *Barbecue, Meeting House.*

PRODUCTS: *Olives, Pickles, Sauces. Sauce (Tartare).*

## KEENS (PORTSMOUTH) LTD.

32/34, Solent Road, Havant, Hants., PO9 1JL. *Tel. Havant* 2314/5/6

*Managing Director:* R. D. Fisher (Mrs.). *Directors:* Miss R. V. Fisher, D. A. Wagner. *Director and Secretary:* C. A. Jenkins. *General Manager:* A. M. Fisher. *Production Manager:* D. A. Wagner. *Sales Marketing Manager:* Mr. P. Chamberlain.

PRODUCTS: *Meat Pies, Meat Products (Open Pack), Sausages.*

## KEILLER, JAMES, & SON LTD.

St. George's House, Croydon, Surrey, CR9 1NR. *Tel.* 01-686 3366
*Telex:* 23117

*Directors:* B. L. Hackforth, J. R. Prout.

PARENT COMPANY: *The Nestlé Co. Ltd.*

PRODUCTS: *Marmalade, Sweets (Boiled Sugar).*

## KELLOGG CO. OF GT. BRITAIN LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II PURVEYORS OF CEREALS*

Park Road, Stretford, Manchester, M32 8RA.
*T.A.:* " Cornflakes Manchester."
*Telex:* 667031. *Tel.* 061-865 4411

*Chairman and Managing Director:* J. A. Adams. *Assistant Managing Directors:* J. Rothwell, K. A. Branton. *Directors:* E. C. Price (Production), A. A. Lines (*Advertising*). *Secretary:* J. Rothwell.

PARENT COMPANY: *Kellogg Co. (U.S.A.).*

BRAND NAMES: *Kellogg's (Corn Flakes, Handi-Pak), Rice Krispies, 30% Bran Flakes, Sugar Smacks, All-Bran, Frosties, Ricicles, Special K, Variety, Raisin Bran, Bran Buds, Coco Krispies, Puffa Puffa Rice, Express Rice.*

PRODUCT: *Breakfast Cereals.*

## KENNEDY, J. B., LTD.

66/68 Beechmount Avenue, Belfast, 12, N. Ireland. *Tel. Belfast* 43866

*Chairman and Managing Director:* James A. Kennedy. *Directors:* Hugh P. Kennedy, Mrs. M. P. Macaulay. *Secretary:* Miss A. Coey. *Sales Manager:* James J. McMullan, J.P. *Buyer:* H. P. Kennedy.

PRODUCTS: *Biscuits, Bread, Cakes, Flour (Self-Raising), Meat Pies, Oatcakes, Pastry (Puff).*

## KENT CO-OPERATIVE SOCIETY LTD.

Maidstone Road, Chatham, Kent, ME4 6DE. *Tel. Medway* 44955

FACTORIES: *Bread Bakery, Knight Road, Strood, Kent. Tel. Strood* 78245. *Confectionery Bakery, West Lane, Sittingbourne, Kent. Tel. Sittingbourne* 3277.

*Chairman:* J. D. May, J.P. *Chief Executive Officer:* F. A. Creese. *Deputy Executive Officer:* D. J. Skilling. *Group Bakery Manager:* R. F. Mooney. *Production Managers:* A. Niccolls (*Confectionery*), D. C. Richards (*Bread*). *Sales Marketing Manager:* R. E. Rummings.

SUBSIDIARY COMPANY: *Marshlands Bakeries Ltd.*

BRAND NAMES: *Society, K.C.S., Country Maid.*

PRODUCTS: *Bread, Cakes, Flour (Self Raising), Meat Pies.*

## KERSHAWS FROZEN FOODS LTD.

Pool Hey Lane, Scarisbrick, near Southport, Lancashire.
*Tel. Southport* 30767

*Managing Director:* Edwin Kershaw. *Directors:* John Kershaw, Miss M. Parr. *Secretary:* Mrs. M. Kershaw.

PRODUCTS: *Crustacea (Quick frozen), Poultry (Quick frozen).*

## KILVERT, N., & SONS LTD.

Lloyds House, Handforth, Wilmslow, Cheshire, SK9 3HR.
*T.A.:* " Lindal Wilmslow." *Tel. Wilmslow* 27351. *Telex:* 669737

*Chairman:* T. Heywood. *Managing Director:* F. J. G. Pert. *Directors:* P. Hannam, G. R. Hunt, J. F. Padkin. *Sales/Marketing Manager:* M. J. C. Bax.

PARENT COMPANY: *Lloyds Industries International Ltd.*

BRAND NAMES: *Kilverts', Curly Tail, Golden Oil.*

PRODUCTS: *Corn Oil, Lard, Pastry (short) Mix.*

## KING, ALEXANDER, (WISHAW) LTD.

King Street, Wishaw, Lanarks, ML2 8BT. *Tel. Wishaw* 72196

*Managing Director:* George T. King, J.P. *Directors:* Alexr. B. King, William A. King, Kenneth E. Sandford, C.A. *Sales Marketing Manager:* S. W. Russell. *Secretary:* Kenneth E. Sandford, C.A.

BRAND NAME: *Mixed Oddfellows.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (General), Sweets (Toffees).*

## KING HARRY FOODS

Chinnor Road, Thame, Oxon., OX9 3NX. *Tel. Thame* 3641
*Telex:* 837417

*Chairman:* C. W. Banyard. *General Manager:* T. Hollowell. *Directors:* I. L. Hurt (*Marketing*), J. Fielding (*Technical*). *Buyer:* I. Elliot.

PARENT COMPANY: *British Oxygen Co. Ltd.*

BRAND NAME: *King Harry*

PRODUCT: *Pizza.*

## KING, L. F., LTD.

212–214, Holdenhurst Road, Bournemouth. *Tel. Bournemouth* 26681

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## KINGSMAN, NICHOLAS, LTD.

Sturry Road, Canterbury, Kent. *Tel. Canterbury* 65451

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## KINGSTON SAUSAGE CO. LTD.

1, Ferries Street, Hedon Road, Hull, Yorks. *Tel. Hull* 20328

*Managing Director:* A. Gould. *Director:* Mrs. G. Gould. *Secretary:* Mrs. M. Marshall. *Factory Manager:* H. Sheriff.

SUBSIDIARY COMPANY: *C. H. Ross.*

PRODUCTS: *Bacon, Meat Products (Open Pack), Sausages.*

## KIRKPATRICK, A. OF SCOTLAND LTD.

Cornton Road, Stirling. *T.A.:* " Kirkpatrick Stirling."
*Tel. Stirling* 2661

OTHER FACTORY: *Thornhill, Dumfriesshire. Tel. Thornhill* 365.

*Chairman:* Sir John Stratton, C.B.E. *Directors:* G. M. Sandiford, R. Willmott. *Secretary:* E. A. Leaver. *Manager:* C. E. Jay.

PARENT COMPANY: *C. & T. Harris (Calne) Ltd. (F.M.C. Group).*

PRODUCTS: *Bacon, Meat Pies, Meat Products (open pack), Sausages.*

## KNIGHTSBRIDGE CAKE (MANCHESTER) LTD.

P.O. Box 6, Brixham Road, Old Trafford, Manchester, M16 OWT.
*Tel.* 061-872 1613

*Chairman:* Paul Williams. *Managing Director:* J. B. Oldfield. *Directors:* S. C. Smith-Cox. *Secretary:* B. Lea. *Production and Factory Manager:* H. Massey. *Sales Marketing Manager:* J. Oldfield. *Engineer:* H. Hughes. *Buyer:* J. B. Oldfield.

PARENT COMPANY: *Mount Charlotte Investments Ltd.*

BRAND NAME: *Knightsbridge.*

PRODUCT: *Cakes.*

## KNIGHTSBRIDGE PROVISION CO. LTD.

52, Acre Lane, London, SW2 5SR. *Tel.* 01-274 3233

PRODUCTS: *Meat Pies, Meat Products (Open Pack), Sausages.*

## KNORR ANGLO-SWISS LTD.

Claygate House, Littleworth Road, Esher, Surrey. *Tel. Esher* 62181

FACTORY: *Royal Starch Works, Paisley. Tel.* 041-884 5111.

*Chairman:* J. H. G. Reid. *Directors:* W. J. H. Bowden, A. M. Parker. *Secretary:* N. Halsted.

PARENT COMPANY: *CPC (United Kingdom) Ltd.*

BRAND NAMES: *Knorr, Aromat.*

PRODUCTS: *Gravy, Sauces, Soups (packeted), Stock cubes.*

## KNOWLES & SON LTD.

85/87, Broadwater Street East, Worthing, Sussex. *Tel. Worthing* 31224

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## KRAFT FOODS LTD.

Regina House, 259/269, Old Marylebone Road, London, NW1 5RB.
*T.A.:* " Krafoods, London," *Telex:* 23774. *Tel.* 01-723 3494

FACTORY: *P.O. Box* 10, *Moorgate Road, Kirkby, Liverpool, L*33 *7XJ. Tel.* 051-546 2710.

*Managing Director:* V. W. Hill. *Directors:* O. E. Swain (U.S.A.), H. M. Connelly (U.S.A.). *Director of Production Planning and Physical Distribution:* G. Jardine. *Financial Controller and Company Secretary:* C. R. Baily, F.C.A. *Marketing Director:* W. B. Chalmers. *Production Director:* N. Brand. *Division Industrial Engineer:* H. A. Hannaford.

PARENT COMPANY: *Kraftco Corporation, Glenview, Ill., U.S.A.*

SUBSIDIARY COMPANY: *Brains Foods (Kraft Frozen Foods).*

BRAND NAMES: *Kraft, Dairylea, Velveeta, Superfine, Family, Golden Corn, Philadelphia, Cracker Barrel, Cheez Whiz, Golden Churn.*

PRODUCTS: *Cheese, Cheese (Processed), Cheese Spreads, Cooking Fat, Corn Oil (Maize Oil), Cream (Long Life), Edible Oil, Fruit Pies, Lard, Margarine, Meat Pies, Meat Products (open pack), Milk Powder, Potato Powder (instant), Prepared Meals, Salad Cream, Sauce (Tartare), Sauces, Sausages, Sea Food Dressing, Snack Products, Whey Powder.*

## LA FAVORITE LTD.

1/11, Darwin Road, London, W5 4BA. *T.A.:* " Procom, London, W.5."
*Tel.* 01-560 8211

*Chairman:* R. T. Robinson. *Directors:* C. Nippert, Mrs. R. Sladen, I. J. Robinson Mrs. P. A. Mowbray.

SUBSIDIARY COMPANIES: *Continental Comestibles Ltd., Tewkesbury Mustard Company.*

BRAND NAME: *La Favorite.*

PRODUCTS: *Mustard, Mustard (French, German, Dijon, Superfine Hot, Tewkesbury), Sauce (Tartare), Sauce (Prawn Cocktail), Sauce (Cranberry), Sauce (Horseradish), Sauces, Speciality Vinegars.*

## LAMBERT, F., & SON LTD

159/169, Ber Street, Norwich, NOR 84A. *Tel. Norwich* 23271

BRAND NAME: *Leavona Cake Mixture and Cheese Cake Filling.*

PRODUCT: *Cake Mixes.*

## LANCASHIRE CASH BAKERY CO. LTD.

Threlfall Road, South Shore, Blackpool, Lancs. *Tel. Blackpool* 42045/7

PARENT COMPANY: *W. J. Brookes and Sons Ltd. (Ranks Hovis McDougall Group).*

PRODUCTS: *Bread, Cakes.*

## LANDPAK LTD.

Burnby Lane, Pocklington, York. *T.A.:* " Landpak Pocklington."
*Tel.* 075 92 2365

*Managing Director:* R. A. Seaborn. *Directors:* W. G. Brown, T. W. Hammett. *Secretary:* A. Wilson. *Production Manager:* B. B. Gelder. *Factory Manager:* D. M. Mowat.

PARENT COMPANY: *Gill & Duffus (Group) Ltd.*

ASSOCIATED COMPANY: *Landauer & Co. (Produce) Ltd.*

BRAND NAMES: *Sundora, Golden Bough.*

PRODUCT: *Fruit (dried).*

## LARKIN'S OF BARKING

251, Longbridge Road, Barking, Essex. *T.A.:* "Peanuts London."
*Tel.* 01-594 2512

FACTORIES: *8, Burford Road, Stratford Fruit Market, London, E.15. Tel. 01-534 3983, 276-8, Levens Road, Poplar, London, E.14. Tel. 01-987 3532.*

*Chairman:* W. J. Larkin. *Secretary:* W. J. Larkin. *Production and Factory Manager:* V. Hammerton. *Sales Marketing Manager:* W. Larkin. *Engineer:* J. Able. *Buyer:* W. J. Larkin.

PRODUCTS: *Almond products, Coffee, Nut Foods, Peanut products, Peanuts (salted).*

## LAVERY, I. H., & CO. LTD.

Gatehouse Road, Aylesbury, Bucks. *T.A.:* "Lamix, Aylesbury."
*Tel. Aylesbury* 3691

*Managing Director:* D. E. Marchant. *Directors:* L. G. Johnston, P. C. Barnes. *Secretary:* D. R. Vestey. *Production Manager:* F. Ellis. *Chemist:* J. Gould. *Buyer:* A. Scott.

PARENT COMPANY: *D.C.A. Industries Ltd. (D.C.A. Food Industries Inc. (U.S.A.) ).*

BRAND NAMES: *Harlequin, Lamix.*

PRODUCTS: *Batter Mixes, Battered Onion Rings (quick frozen), Beverages, Cake Mixes, Chocolate (Drinking), Christmas Puddings, Custard Powder, Dessert Topping, Gravies, Milk Powder, Pastry Mix (Short & Puff), Pudding Mixes, Soft Drinks, Yorkshire Pudding Mix.*

## LAWSON OF DYCE LTD.

Dyce, Aberdeen, AB2 0HR. *Tel. Dyce* (022472) 2551. *Telex:* 73152

*Chairman:* Francis G. Lawson. *Directors:* R. Lawson, Jnr., R. P. Wilkie, W. S. Bolitho, W. M. Johnson, R. K. Lowe, N. B. Sawdon. *Secretary:* G. B. Currie. *Engineer:* I. J. G. Findlay. *Chemist:* D. H. Rastall. *Buyer:* S. Ross.

PARENT COMPANY: *Unilever Ltd.*

ASSOCIATED COMPANY: *Walls Meat Group Ltd.*

BRAND NAME: *Lawson of Dyce.*

PRODUCTS: *Bacon, Ham, Lard, Meat Pies, Meat Products (open pack), Sausages.*

## LEA & PERRINS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II PURVEYORS OF WORCESTERSHIRE SAUCE*

*(See Smedley-HP Foods Ltd.)*

## LEANSTOCK LTD.

The Abattoir, Battlefield Lane, Shrewsbury, SY14 AH. *Tel.* 0743 53941

PARENT COMPANY: *Ross Foods Ltd.*

BRAND NAME: *Leanstock.*

PRODUCTS: *Meat (quick frozen), Meat products (open pack), Meat products (quick frozen).*

## LEDBURY PRESERVES (1928) LTD.

Ledbury, Herefordshire, HR8 2JT. *T.A.:* " Preserves Ledbury."
*Tel. Ledbury* 3181. *Telex:* 35436

*Chairman:* Sir Julian Hodge, LL.D. *Managing Director:* B. A. L. Morgan. *Directors:* H. W. Morris, I. Jagan, F. H. Southern (*Sales*), B. W. Hodges. *Secretary:* A. S. Bonnett. *Production Manager:* N. J. Phillips. *Engineer:* H. M. Thomas. *Chemist:* R. W. Broomfield. *Buyer:* G. D. Cale.

PARENT COMPANY: *Avana Group Ltd.*

BRAND NAMES: *Belle Orchard, De L'Ora, Ledbury.*

PRODUCTS: *Fruit Juices, Fruit Syrups, Preserves, Sauce* (*dessert*).

## LEES, JOHN J., LTD.

**Newlands Factory, Newlands Street, Coatbridge, Lanarks.**
***Tel. Coatbridge* 24456**

*Chairman and Joint Managing Director:* John J. Lees. *Joint Managing Director:* Andrew D. Sim. *Directors:* Richard A. Porteous. *Secretary:* J. Crawford. *Production Manager:* N. Moore. *Factory Manager:* A. D. Sim. *Sales Manager:* James Clarke. *Engineer:* W. Ward. *Buyer:* A. D. Sim.

**PRODUCT: *Sweets* (*General*).**

## LEGER BAKERY LTD.

Churchill Road, Wheatley, Doncaster, Yorks. *Tel. Doncaster* 66835

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## LEWIS BROS. (PONTARDAWE) LTD.

Grove Road, Pontardawe, Glam., SA8 4HH.
*T.A.:* " Lewis Bros. Pontardawe."
***Tel. Pontardawe* 863246**

**PRODUCT: *Soft Drinks.***

## LIBBY, McNEILL & LIBBY LTD.

P.O. Box No. 5, Libby House, 396, Kenton Road, Kenton, Harrow, Middx. HA3 9DT. *T.A.:* " Libbiment, Harrow." *Telex:* 22205.
*Tel.* 01-204 0981

FACTORIES: *Milk Condensary, Milnthorpe, Westmorland. Tel. Milnthorpe* 2296. *Gregory's Bank, Worcester, WR*3 8*AE. Tel:* 0905 26574.

*Managing Director:* H. J. Thrall. *Directors:* J. P. Outhwaite, V. H. Balchin, A. S. Dove, P. G. M. Barton. *Secretary:* R. H. Dixon. *General Manager, Factories:* D. G. Pound. *General Sales Manager:* G. Farnsworth. *Director of Research:* C. K. Kershaw.

PARENT COMPANIES: *Nestlé Alimentana S.A.* (*Switzerland*), *Libby, McNeill & Libby* (*U.S.A.*).

SUBSIDIARY COMPANY: ***Libby McNeill & Libby* (*Storage*) *Ltd.***

BRAND NAME: ***Libby's.***

PRODUCTS: *Baked Beans* (*canned*), *Fruit Juices, Meat Products* (*canned*), *Milk* (*evaporated*), *Puddings* (*canned*) *Milk, Sauces, Soups* (*canned*).

## LINCOLNSHIRE CANNERS LTD.

West Lynn, King's Lynn, Norfolk. *T.A.:* " Lincan, West Lynn."
*Telex:* LCL King's Lynn 81141. *Tel. King's Lynn* 61731

*Managing Director:* P. J. W. Brooks. *Directors:* F. M. Gilliatt, P. E. Solari, Y. G. Brault, G. F. Norwood, M. E. Jensen (*Secretary*). *Factory Manager:* R. C. Dorman. *Agricultural Manager:* R. C. Hirst. *Engineer:* R. A. Skipper. *Quality Control Manager:* A. V. Woodward. *Services Manager/Buyer:* R. W. Francis.

PARENT COMPANY: *Del Monte Foods Ltd.*

BRAND NAMES: *Del Monte, Lin-Can.*

PRODUCTS: *Baked beans (canned), Fruit (canned), Fruit juices, Vegetables (canned).*

## LINDT (ENGLAND) LTD.

Stockley Road, West Drayton, Middx. *T.A.:* " Lindt, West Drayton Middx."
*Tel. West Drayton* (81) 45821. *Telex:* 935440

*Chairman:* M. Fehle (Swiss). *Managing Director:* C. O. Yandle. *Directors:* H. Kagi (Swiss). *Secretary:* E. W. C. Werner. *Sales Director:* H. G. Roberts.

PARENT COMPANY: *Lindt & Spruengli A.G. (Switzerland).*

BRAND NAMES: *Mountain Rose, Marguerite, Chocoletti, Lindor.*

PRODUCT: *Chocolates.*

## LINGS LTD.

Eastern Dream Works, Kemble Road, London, SE23 2DJ.
*T.A.:* "Lingdelite, London."
*Tel.* 01-699 3660, 8333, 0414.

*Chairman:* G. A. Baxendale. *Managing Director:* N. A. Clatworthy. *Directors:* W. B. Chapman, M. I. R. Habgood, K. M. Clatworthy. *Secretary:* G. A. Baxendale.

SUBSIDIARY COMPANIES: *Dorothy Confections Ltd., James Harrington & Co. Ltd., D.F.Y. Co. Ltd., Oriental Confectionery Manufacturers Ltd., A. & J. Pappadakis & Co. Ltd.*

BRAND NAMES: *Eastern Dream, Pasha.*

PRODUCTS: *Sweets (General-Turkish Delight).*

## LION CONFECTIONERY CO. LTD.

Westgate, Cleckheaton, Yorks., BD19 5EB.
*T.A.:* "Gums, Cleckheaton." *Tel. Cleckheaton* 2537

BRAND NAME: *Lion.*

PRODUCT: *Sweets (General).*

## LOCKWOODS FOODS LTD.

Long Sutton, Spalding, Lincs., PE12 9EQ. *Tel. Long Sutton* (0406) 362101
LONDON OFFICE: 4, 5 and 6 *Savile Row, London, W1X 2DX.*
*Tel.* 01-734 0373. *Telex:* 27680

*Chairman and Managing Director:* P. B. Lockwood. *Directors:* K. H. Blacklock, A. Battersby (*Purchasing*), N. G. Horton-Mastin (*Overseas Director*), P. R. Phillips, M.C., F.C.A., W. P. Lockwood, C. A. Lazenby. *Secretary:* D. A. C. Sprague, F.C.A.

SUBSIDIARY COMPANIES: *J. & J. Beaulah Ltd., Benepet Ltd., John A. Hunter & Co. Ltd., Lockwoods Fruit Farms Ltd., Lockwoods Transport Ltd., Roberts & Sons (Curers) Ltd., White Gate Honey Products Ltd., Benedict Frozen Foods Ltd., Cheshire Farm Fare Ltd.*

## LONDON CO-OPERATIVE SOCIETY LTD.

54, Maryland Street, London, E15 1JE. *T.A.:* "Cosiety London." *Tel.* 01-534 4201

FACTORIES: *Meat Products Factory, South Birkbeck Road, E.*11. *Tel.* 01-534 4201. *Bakeries: Owen Road, London, N.*13. *Tel.* 01-807 1691. 140, *Church Hill, Loughton, Essex. Tel.* 01-508 6917. *Cheese Packing Factory, Manor Road, Grays, Essex.*

PRODUCTS: *Bacon, Bread, Cakes, Flour Confectionery, Meat Pies, Meat Products (Open Pack), Sausages.*

## LONDON OIL MEDINA LTD.

161, Camberwell Grove, London, S.E.5. *T.A.:* " Lomoils, London, S.E.5." *Tel.* 01-733 5644 *Telex: Crodalom* 918081

*Chairman:* C. T. Manson. *Managing Director:* C. J. Power. *Directors:* S. Mumford, A. E. Wigner, K. M. Wigner, D. C. Jackson, M. S. Foster, D. Jewsbury. *Secretary:* G. E. Bates. *Factory Manager:* R. Sheen. *Chemist:* E. Carter.

PARENT COMPANY: *Croda International Ltd.*

SUBSIDIARY COMPANY: *Medina Refinery (Camberine) Ltd.*

PRODUCTS: *Cooking Fat, Corn Oil, Dripping, Edible Oil.*

## LONG CLAWSON DAIRY LTD.

Long Clawson, Melton Mowbray, Leics. *Tel. Nether Broughton* 332
PRODUCT: *Cheese (Stilton).*

## LOOMES, R., LTD.

96/100, Lough Road, London, N.7. *T.A.:* "Burcana." *Tel.* 01-607 7521. *Telex:* London 266239

*Directors:* W. E. Smith, E. B. Mallett, R. D. Walker, J. G. Andrews, J. R. Collis. *Production Manager:* S. Pittard. *Sales/Marketing Manager:* S. Garrett.

PARENT COMPANY: *Ridpath Bros. Ltd.*

BRAND NAMES: *Bamford, Loomes.*

PRODUCTS: *Meat Pies, Meat Products (open pack), Meat Products (canned), Sausages, Sausages (quick frozen).*

## LOVELL & CHRISTMAS LTD.

1, West Smithfield, London, EC1A 9LA. *T.A.:* "Lovell, London." *Tel.* 01-248 6431. *Telex:* 887029

OTHER FACTORIES: *Ditton, near Maidstone, Kent. Tel. West Malling* 3051, *Wambo Lane, Gateacre, Woolton, Liverpool. Tel.* 051-428 1262.

*Chairman and Managing Director:* E. M. Canevali. *Vice-Chairman:* G. P. Gomersall. *Directors:* S. F. Collins, F.C.I.S., A. G. Locke, G. A. Dickman, F. Williamson, J. T. Woods, G. A. Cannon, W. H. Smyth, G. A. Newell, E. M. E. Green. *Secretary:* J. H. Connelly.

PARENT COMPANY: *Fitch Lovell Ltd.*

SUBSIDIARY COMPANIES: *Blue Cap Foods (Kent) Ltd., Blue Cap Frozen Food Services Ltd., De Haan (Foods) Ltd., Lovell & Christmas (Bristol) Ltd., Lovell & Christmas (Northern) Ltd. (which includes Blue Cap Foods and Blue Cap Cheese Divisions), Lovell & Christmas (Scotland) Ltd., Newforge Ltd.*

BRAND NAMES: *Blue Cap, Melody, Newforge, Sea King, Spam, Harvey's, Fresh Fields.*

PRODUCTS: *Bacon, Butter, Cheese (processed), Fruit (canned), Ham, Margarine, Meat Products (canned), Vegetables (canned).*

## LOVELL & CHRISTMAS (NORTHERN) LTD. (BLUE CAP FOODS DIVISION)

Belle Vale Road, Gateacre, Woolton, Liverpool. *T.A.:* "Bluegate."
*Tel.* 051-428 1262

*Chairman:* E. Maurice Canevali. *Managing Director:* W. H. Smyth. *Directors:* George A. Newell, A. G. Locke, G. G. Morley. *Secretary:* J. G. Deyes, F.C.A. *Factory Manager:* W. Morris. *Engineer:* E. Canavan.

PARENT COMPANY: *Lovell & Christmas Ltd.* (*Fitch Lovell Group*).

BRAND NAMES: *Blue Cap, Newforge, Spam.*

PRODUCTS: *Meat Products* (*Canned*).

## LOVELL, G. F., & CO. LTD.

Rexville, Newport, Mon., NPT 5XX. *T.A.:* "Lovell, Newport, Mon."
*Tel. Newport* 59666

*Chairman:* S. Finley. *Managing Director:* G. A. Allan. *Directors:* R. W. Stroud, L. Baker, F.C.A. *Secretary:* J. A. Jones, A.C.M.A. *Factory Manager:* D. A. Cross. *Sales Manager:* J. B. Harris. *Buyer:* G. K. Davies.

SUBSIDIARY COMPANIES: *Lovell's Fine Confectionery Ltd., Johnsons* (*Cardiff*) *Ltd., Rascal Confectionery Ltd.*

BRAND NAMES: *Milky Lunch, Plush Nuggets, Toffee Rex* (*The King of Toffees.*)

PRODUCTS: *Chocolates, Sweets* (*Boiled Sugar*), *Sweets* (*General*), *Sweets* (*Toffees*).

## LOWE & CO., J., (PROCESSED FOODS) LTD.

Ings Mill, Dale Street, Ossett, Yorks. *Tel.* 09243-4547

*Chairman and Managing Director:* J. Lowe. *Director:* Mrs. H. Lowe.

ASSOCIATED COMPANIES: *Beetroot Co.* (*Yorkshire*) *Ltd., Kepier Products* (1930) *Ltd., Appetiser Condiments Ltd.*

BRAND NAMES: *Jaylo, St. Luke, Kepier, Appetiser.*

PRODUCTS: *Beetroots* (*processed*), *Mint Sauce, Mustards, Pickles* (*Red Cabbage*), *Salad Cream, Sauce* (*horseradish*).

## LOWMAN, S. B., & SONS LTD.

76/86, Portswood Road, Southampton, Hants., SO9 3LU.
*Tel. Southampton* 56363

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## LOWTHERS (CAKES) LTD.

Cale Lane, New Springs, Wigan, Lancs. *Tel. Wigan* 43801

*Managing Director:* J. H. Harvey. *Directors:* T. Harvey, J. Harvey, M. Harvey, F. M. Harvey, M. I. Smith. *Secretary:* J. H. Harvey. *Production Manager* J. H. Harvey.

PRODUCT: *Cakes.*

## LUCAS, A. H. L., & SONS LTD.

613, Bolton Road, Pendlebury, Manchester, M27 2EJ.
*T.A.:* " Norcopic Manchester." *Tel.* 061-794 2190

*Managing Director:* M. S. Lucas. *Directors:* D. Weatherilt, L. A. Wells (*Sales*). *Secretary:* D. Weatherilt. *Factory Manager:* R. R. Swailes. *Sales Manager:* L. A. Wells. *Buyer:* M. S. Lucas.

PARENT COMPANY: *Isaac Andrews & Sons Ltd.*

BRAND NAMES: *Norco, Pixie, Hoes.*

PRODUCTS: *Pickles, Sauces.*

## LUSTY, JOHN, LTD.

69/71, Old Montague Street, London, E1 5NN.
*T.A.:* "Turtling London E1."
*Telex:* Chamcom London 888941 Lusty. *Tel.* 01-247 0666

*Chairman:* L. R. Ring. *Managing Director:* B. J. Lusty. *Directors:* C. J. Hall (*Sales*). M. E. Lusty, *Secretary. Production and Factory Manager:* B. Goodman.

PRODUCTS: *Herbs (culinary), Soup (Canned), Turtle Products.*

## LYONS BAKERY LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MANUFACTURERS OF CAKES*

Cadby Hall, London, W14 0PA. *Tel.* 01-603 2040. *Telex:* 22420

*Chairman:* A. E. Stocks. *Managing Director:* H. Salmon. *Directors:* D. L. Brazier, P. B. K. Gracey, H. M. Joseph, D. C. McKenzie, J. Pepler, J. A. Wheeler, G. S. Salmon. *Secretary:* K. B. Davies.

PARENT COMPANY: *J. Lyons & Co. Ltd.*

BRAND NAME: *Symbol.*

PRODUCTS: *Biscuits, Cakes, Fruit Pies.*

## LYONS, J., & CO. LTD.

Cadby Hall, London, W14 0PA. *T.A.:* " Kickshaws London."
*Tel.* 01-603 2040

OTHER FACTORIES: *Rannoch Road, London, W.6. Tel. Riverside* 01-748 4631; *Greenford, Middlesex. Tel.* 01-578 2345.

*President:* G. I. H. Salmon, C.B.E. *Chairman:* B. L. Salmon, C.B.E. *Deputy Chairman and Managing Director:* N. L. Salmon. *Deputy Chairman:* G. K. Lawrence, D.S.O., O.B.E., D.F.C. *Assistant Managing Directors:* L. Badham, J. B. Silverman. *Directors:* Douglas M. Gluckstein, Ivor F. Salmon, J. M. H. Gluckstein, A. M. L. Salmon, H. G. Young, C. R. L. Salmon, Frank Merry. *Secretary:* E. M. Asher. *Chief Buyer:* L. Cockerill.

SUBSIDIARY COMPANIES: *Lyons Tetley Ltd., SFK Foods Ltd., Fullers Cakes Ltd., Glacier Foods Ltd., O. R. Groves Ltd., James Hayes & Sons Ltd., J.L. Catering Ltd., London Steak Houses Ltd., Lyons Bakery Ltd., Margetts Foods Ltd., Normano Ltd., The Robley Group Ltd., Sol Café Ltd., Symbol Biscuits Ltd., Henry Telfer Ltd., Lyons Catering Supplies Ltd., Lyons Groceries Ltd.*

BRAND NAMES: *Bev, Ready-Mix, Lyons Maid, Ready Brek.*

PRODUCTS: *Biscuits, Breakfast Cereals, Cake Mixes, Cakes, Coffee, Coffee Essences and Extracts, Coffee (Instant), Essences, Colourings, and Flavours, Ice-Cream, Ice-Cream (Dairy), Ice Lollies, Pudding Mixes, Soft Drinks, Tea.*

## LYONS MAID LTD.

Glacier House, Hammersmith Grove, London, W6 0NG. *Tel.* 01-748 3030

OTHER FACTORY: 327-347, Oldfield Lane, Greenford, Middx. *T.A.:* "Lyonsmaid London." *Tel.* 01-578 2343

*Chairman:* F. Merry. *Managing Director:* D. Brown. *Directors:* A. A. Hill, J. S. Garner, T. E. L. Goldsmith, L. H. Klackan, V. I. Paynter. *Secretary:* D. S. Mitchell.

PARENT COMPANY: *Glacier Foods Ltd.* (*J. Lyons & Co. Ltd.*).

PRODUCTS: *Ice Cream, Ice Lollies.*

## LYONS TETLEY LTD.

324-347, Oldfield Lane, Greenford, Middx., UB6 0AZ. *Tel.* 01-578 2345

*Chairman:* F. Merry. *Managing Director:* H. Brown. *Directors:* P. C. Ballard, D. Beatty, D. J. Theobald, A. E. L. Falconer, A. C. Fuller, G. F. Page, R. B. Hodges. *Secretary:* P. H. L. Newton.

PARENT COMPANY: *J. Lyons & Co. Ltd.*

BRAND NAME: *Tetley.*

PRODUCTS: *Breakfast Cereals, Coffee, Tea.*

## McCAIN INTERNATIONAL LTD.

Havers Hill, Eastfield, Scarborough. *Tel. Cayton Bay* 882681
*Telex.* 52565

*Chairman:* H. McCain. *Managing Director:* C. M. A. McCarthy. *Directors* H. Kinder, D. Jesson, P. J. Wiggall, G. W. F. McCain. *Secretary:* H. Kinder. *Marketing Manager:* J. W. T. Mustoe. *Engineer:* J. Irons.

PARENT COMPANY: *McCain Foods, Canada.*

SUBSIDIARY COMPANY: *Caterpac Ltd.*

BRAND NAMES: *McCain, Caterpac, Valley Farms.*

PRODUCTS: *Flour Confectionery* (*quick frozen*), *Fruit* (*quick frozen*), *Pastry* (*quick frozen*), *Potato Powder* (*instant*), *Potato Products* (*quick frozen*)—*baby roast and boiled, french fried, Vegetables* (*quick frozen*).

## McDOUGALLS CATERING FOODS LTD.

Worcester House, Basingstoke Road, Reading, Berks., RG2 0QW.
*Tel. Reading* 83331. *Telex:* 847632

OTHER FACTORIES: *Junction Mills, Andover, Hants. Tel. Andover* 2103. *Ashton Vale Road, Ashton Gate, Bristol,* 3. *Tel. Bristol* 669841.

*Chairman:* R. G. Rogerson. *Managing Director:* W. G. Methven. *Deputy Managing Director:* B. R. Gibbs. *Director:* B. J. Chapman (*Finance* and *Secretary*). *Production Manager:* B. Jarman. *Sales Manager:* D. Proud. *Buyer:* M. D. Otter.

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

BRAND NAMES: *Country Life, Melco, Farm Choice, Silver Service, Refresh*

PRODUCTS: *Batter Mixes, Cake Mixes, Dessert Mixes, Fruit Juices, Milk Powder, Jellies* (*Table*), *Mousse, Meat Products* (*canned*), *Pastry mix, Potato Powder* (*Instant*), *Soups* (*Packeted*), *Vegetables* (*dehydrated*).

## MACFARLANE, LANG & CO. LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II BISCUIT MANUFACTURERS*

PARENT COMPANY: *United Biscuits Ltd.*

PRODUCT: *Biscuits.*

## McGREGOR, EDWARD, LTD.

St. Andrews Works, Don's Road, Dundee, Angus. *Tel. Dundee* 27112

*Chairman:* R. L. Corson. *Managing Director:* W. G. Clark. *Directors:* A. Inglis, M. Wigan. *Secretary:* J. P. Robertson.

PARENT COMPANY: *Waller & Hartley Ltd.*

BRAND NAME: *Rob Roy.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (General), Sweets (Toffees).*

## MACKAY'S OF CARNOUSTIE LTD.

21, Thistle Street, Carnoustie, Angus. *Tel. Carnoustie* 3109

PARENT COMPANY: *D. S. Crawford Ltd.*

PRODUCT: *Preserves.*

## MACKINTOSH, JOHN, & SONS LTD.

*SEE ROWNTREE MACKINTOSH LTD.*

## McMILLAN, WILLIAM, LTD.

Rectory Lane, Dysart, Kirkcaldy, Fife, K71 2TR. *Tel. Kirkcaldy* 51954

*Managing Director:* William McMillan. *Directors:* Thomas McMillan, James T. McMillan, Mrs. Mary B. Forrest. *Secretary:* Mrs. Mary B. Forrest. *Production Manager:* James T. McMillan. *Buyer:* Matthew H. Forrest.

PRODUCTS: *Bacon, Ham, Meat Products (Open Pack), Sausages.*

## MACONOCHIE SEAFOODS LTD.

21, West Dock Street, Hull. *T.A.:* "Macfine." *Tel.* 0482 29764
*Telex:* 527251

*Chairman and Managing Director:* J. E. Bozman. *Directors:* N. J. Bozman, T. Watkin.

BRAND NAMES: *Goldens, Kipperettes, Roasties, Royals, Simmer Packs.*

PRODUCTS: *Fish Products (Quick frozen).*

## MACRAE, D. A., LTD.

Essex Street, Hull, Yorks., HU4 6PS. *T.A.:* "Macrae Hull."
*Tel. Hull* 506021. *Telex:* 52138

OTHER FACTORIES: *Watermill Road, Fraserburgh, Tel. Fraserburgh* 3741. *Station Point, Mallaig, Tel. Mallaig* 2218. *Essex Street, Hull, Tel. Hull* 506021, *Ferry Road, Topsham. Tel. Topsham* 4671.

*Chairman and Managing Director:* W. J. Emmison. *Directors:* C. S. Emmison (*Fish Procurement*), W. F. Emmison (*Macrae Exports*), L. J. Hansford (*Marshall's Exports*), W. J. Hoey (*Marinpro*), D. I. M. Wallace (*Marketing*), J. Bennett, A. Barrowman, B.L., B.Com., C.A., I. J. Llewellyn. *Secretary:* E. S. Robson, F.C.A., A.T.I.I. *Sales Manager:* S. Whitaker. *Marketing Manager:* E. P. T. Downey. *Product Development:* R. Harwood.

PARENT COMPANY: *Associated Fisheries Ltd.*

DIVISIONAL COMPANIES: *Marshall and Co. (Aberdeen) Ltd., Watermill Road, Fraserburgh, Marinpro Ltd., Ferry Road, Topsham.*

BRAND NAMES: *Macrae, Marshall's, Marinpro.*

PRODUCTS: *Fish (quick frozen), Fish (canned), Fish Products (quick frozen), Game (canned).*

## McVITIE & CADBURY CAKES LTD.

P.O. Box 3, Worcester, WR5 1HD. *Tel.* 0905 29571
*Telex:* 338887

FACTORIES: *Waxlow Road, Harlesden, London, N.W.10. Imperial Biscuit Works, Osterley, Middx. Moreton, Cheshire.*

*Chairman:* J. P. Mann. *Managing Director:* R. C. Clarke. *Director:* W. P. Gunn. *Secretary:* P. J. Hewitt.

PARENT COMPANY: *United Biscuits Ltd.*

PRODUCT: *Cakes.*

## McVITIE & PRICE LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II BISCUIT MANUFACTURERS*

(*See United Biscuits Ltd.*)

## MACVITTIES, GUEST & CO. LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II BAKERS AND CONFECTIONERS AND PURVEYORS*

Orwell Terrace, Edinburgh, EH11 2DY. *T.A.:* " Macvitties Edinburgh."
*Tel.* 031-337 6241

PARENT COMPANY: *Beatties Bakeries Ltd. (Ranks Hovis McDougall Group).*

PRODUCTS: *Biscuits, Cakes, Shortbread.*

## MALGAVITA LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II VITACREAM MANUFACTURERS*

Trowbridge, Wilts. *Tel. Trowbridge* 3611. *Telex:* 44149

*Chairman:* M. B. Evanson. *Directors:* L. Brookes, B. Richards. *Secretary:* A. J. Cobb.

PARENT COMPANY: *Unigate Ltd.*

BRAND NAME: *Vitacream.*

## MANBRÉ & GARTON LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II SUPPLIERS OF COFFEE SUGAR CRYSTALS*

Winslow Road, London, W6 9SF.
*T.A.:* " Manbré, London, W.6." *Tel.* 01-748 6021. *Telex:* 262078

*Chairman:* F. S. Smith. *Managing Director:* A. I. Annand. *Directors:* D. A. Kerr, R. D. Wright, Sir George Dunnett, K.B.E., C.B., Sir Clement Penruddock, C.B.E., F. S. Smith. *Secretary:* E. W. R. Gaff, C.A.

SUBSIDIARY COMPANIES: *Duttson & Knight Ltd., Garton, Sons & Co. Ltd., Hay-Lambert Ltd., Manbré Sugars Ltd., Martineaus Ltd., Sankey Sugar Co. Ltd., Valentin, Ord & Nagle Ltd., Westburn Sugar Refineries Ltd., A.B.M.G. (Syrups) Ltd., Fowler Ltd.*

## MANBRÉ SUGARS LTD.

Winslow Road, London, W.6. *T.A.:* "Manbre, London, W.6." *Tel.* 01-748 6021. *Telex:* 262078

*Chairman:* A. I. Annand. *Managing Director:* D. A. Kerr. *Deputy Managing Director:* A. C. R. Howman. *Directors:* R. D. Wright. *Executive Directors:* R. J. Baker (*Secretary*), J. R. Fisher, D. A. Shawyer, R. S. Comber, R. Fox, J. Moore.

PARENT COMPANY: *Manbré & Garton Ltd.*

ASSOCIATED COMPANIES: *Sankey Sugar Co. Ltd., Westburn Sugar Refineries Ltd., Scotland, Garton, Sons & Co. Ltd., Hay-Lambert Ltd., Valentin, Ord & Nagle Ltd., Martineaus, Ltd., Duttson & Knight Ltd., A.B.M.G. (Syrups) Ltd., Fowler Ltd.*

PRODUCTS: *Sugar, Syrup and Treacle.*

## MANLEY PURE FOODS (HOLDINGS) LTD.

Fane Drive, Berinsfield, Oxford. *T.A.:* "Manleyfood, Oxford." *Tel. Clifton Hampden* 7171. *Telex:* 83432

*Managing Director:* A. J. Manley. *Directors:* G. K. Manley, M. J. Mortimer, R. O. B. Manley, L. Keys. *Secretary:* W. A. Holder. *Sales Manager:* T. C. M. Mackney. *Chemist:* J. D. Hunter.

PARENT COMPANY: *Kimpton Bros. Ltd.*

SUBSIDIARY COMPANY: *Chiltern Honey Farm Ltd.*

ASSOCIATED COMPANY: *Ratcliffe Bros. (Honey) Ltd.*

PRODUCTS: *Honey, Sauce (dessert).*

## MANOR BAKERIES LTD.

Sheer House, Station Approach, West Byfleet, Surrey. *Tel. Byfleet* 49401

OTHER BAKERIES: *Leigh Road, Eastleigh, Hants. Tel. Eastleigh* 4331. *Trent Vale, Stoke-on-Trent, Staffs. Tel. Stoke* 613002. *Bradnor Road, Wythenshawe, Manchester. Tel.* 061-998 2205.

PARENT COMPANY: *Ranks Hovis McDougall Group Ltd.*

BRAND NAME: *Mr. Kipling.*

PRODUCT: *Cakes.*

## MANOR VINEGAR BREWERY CO. LTD.

New Road, Burntwood, Walsall. WS7 0AB. *Tel. Burntwood* 5555

*Chairman:* K. H. C. Nicholas. *Managing Director:* R. M. Williams. *Directors:* J. M. Nicholas, H. J. Yates, J. A. Connell, J. Bodmer, H. D. Tipper (*and Secretary*).

BRAND NAMES: *Manor, Mandor, Churry, Tudor, Cottage.*

PRODUCT: *Vinegar.*

## MAPLETON'S FOODS LTD.

P.O. Box No. 1, Somerdale, Keynsham, Bristol, BS18 2AV.
*T.A.:* "Mapletons Somerdale Bristol."
*Tel. Keynsham* (02756) 2101. *Telex:* 44659

OTHER FACTORY: *Moss Street, Garston, Liverpool, L19 2NA.*
*Tel.* 051-427 5004

BRAND NAMES: *Cashewnutta, Frittamix, Fru-Bran, Fru-Grains, Fruesli, Fruitarian, Nutter, Savormix, Suenut, Granary Bread, Rissols, Vegetarian Foods, Creamed Coconut.*

PRODUCTS: *Beverages, Biscuits, Breakfast Cereals, Cooking Fat, Fruit Juices, Fruit (Dried), Honey, Nut Foods, Peanut Products, Sandwich Spreads, Yeast Extract.*

## MARCHI-ZELLER LTD.

46A, Mornington Crescent, London, N.W.1. *Tel.* 01-387 3001

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## MARELA LTD.

Saunders Ness Road, London, E14 9EF. *T.A.:* " Marelapac, London, E.14."
*Tel.* 01-987 6021. *Telex:* 825277

*Chairman:* H. C. P. Bidwell. *Director:* R. J. Leader (*Factory*). *Secretary:* C. P. Stevens. *Engineer:* J. J. Colbe. *Chemist:* M. Muggeridge. *Buyer:* A. McElroy.

PARENT COMPANY: *Pearce Duff Holdings Ltd.*

SUBSIDIARY COMPANIES: *Fardons Ltd., Lynnpak (Produce) Ltd.*

ASSOCIATED COMPANY: *Pearce, Duff & Co. Ltd.*

BRAND NAME: *Marela.*

PRODUCTS: *Pickles, Sauces.*

## MARFLEET REFINING CO. LTD.

Hedon Road, Hull, HU9 5NJ. *T.A.:* " Marfax Hull." *Telex:* 52535
*Tel. Hull* 75234

*Chairman:* C. P. Hudson, C.B.E. *Managing Director:* G. E. Tunnicliffe, B.Sc. *Directors:* S. A. Reed, B.Sc., E. Waller. *Secretary:* R. J. Crane, F.C.A. *Production Manager:* W. Stott, M.Sc. *Factory Manager:* B. P. V. Smith, B.Sc. *Sales/Marketing Manager:* K. Moxley. *Engineer:* D. F. Nicholson. *Chemist:* Dr. J. E. Hawkins, B.A., Ph.D. *Buyer:* H. T. Johnson.

PARENT COMPANY: *Imperial Foods Ltd.*

BRAND NAMES: *Fax, Faxfry, Faxola.*

PRODUCTS: *Cooking Fat, Edible Oil.*

## MARS LTD.

Dundee Road, Trading Estate, Slough, Berks., SL1 4JX. *Tel. Slough* 23932. *Telex:* 84253.

*Chairman:* Dr. A. A. Houghton, C.B.E. *Managing Director:* R. C. Edwards. *Director:* A. C. C. Baxter. *Divisional Directors:* C. Southern (*Supplies*), J. J. Doyle (*Manufacturing*), B. R. Law (*Administration and Personnel*), V. S. Mentzel (*Research*). *Secretary:* D. C. Drake. *Factory Managers:* J. Willman, G. H. Jones. *Chief Engineer:* P. Batterley. *Chief Chemist:* G. Harris.

PARENT COMPANY: *Mars Inc. (U.S.A.).*

ASSOCIATED COMPANY: *Dornay Foods.*

BRAND NAMES: *Galaxy, Glees, Mars, Milky Way, Opal Fruits, Spangles, Maltesers, Bounty, Topic, Treets, Tunes, Revels, Marathon, Twix.*

PRODUCTS: *Chocolates, Sweets (General).*

## MARSH & BAXTER LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II SUPPLIERS OF HAM*

Hall Street, Brierley Hill, Staffs. *T.A.:* " Marsh Brierley Hill."
*Tel. Brierley Hill* 77121

OTHER FACTORY: *Chester Road, Birmingham.* *Tel. Castle Bromwich* 4631

*Chairman:* Sir John Stratton, C.B.E. *Directors:* M. Berg, R. E. Burt, E. E. Marsh, J.P., G. Morley, J. A. Payne, O.B.E., G. M. Sandiford, J. C. Stokes, Sir Gwilym Williams, C.B.E., R. Willmott, F.C.I.S. (*Secretary*). *Assistant Secretary:* G. E. Price.

PARENT COMPANY: *F.M.C. Ltd.*

SUBSIDIARY COMPANIES: *C. & T. Harris (Calne) Ltd., W. F. Knott Ltd., W. D. Warren Ltd.*

BRAND NAMES: *Marsh, Marsh's.*

PRODUCTS: *Bacon. Cooking Fat, Dripping, Ham, Lard, Meat Pies, Meat Products (Open Pack), Sausages.*

## MARSHALL, A. B., LTD.

Shaftesbury Road, London, N18 1SW. *Tel.* 01-807 3080. *Telex:* 265828

*Chairman and Managing Director:* L. H. Stockwell. *Director:* K. J. Stockwell. *Secretary:* W. Bird. *Sales Manager:* R. D. Hembrow. *Chemist:* G. Brignull, M.Sc.

PARENT COMPANY: *Rayner & Co. Ltd.*

PRODUCTS: *Essences, Colourings and Flavours.*

## MARSHALL, JAMES, (GLASGOW) LTD.

14, Blairlinn, Cumbernauld, Glasgow, G56 2XP. *T.A.:* "Farola, Glasgow."
*Tel. Cumbernauld* 28201

*Directors:* James Marshall, David J. Marshall.

BRAND NAMES: *Marshalls' Preparations of Wheat, Farola, Marshalls' Semolina, Marshalls' Macaroni, Spaghetti, Vermicelli, Farolina.*

PRODUCTS: *Semolina, Pasta Products, Rice Flour.*

## MARSTON, C., & SONS (ICKLINGHAM) LTD.

Flour Mills, Icklingham, Bury St. Edmunds, Suffolk.
*Tel. Mildenhall* 712387

*Managing Director:* Samuel Marston. *Directors:* L. S. Marston, N. H. Marston, D. S. Marston. *Secretary:* S. Marston.

PRODUCT: *Flour.*

## MARTINEAUS LTD.

The Refinery, Rannoch Road, London, W.6. *T.A.:* " Sugarhouse, London, W.6."
*Tel.* 01-748 8053
*Telex:* 262078

*Chairman and Managing Director:* Peter Martineau. *Directors:* J. R. Fisher (*Sales*), W. P. Martineau. *Secretary:* C. C. Nash, F.C.A.

PARENT COMPANY: *Manbré & Garton Ltd.*

ASSOCIATED COMPANIES: *Manbre Sugars Ltd., Sankey Sugar Co. Ltd., Westburn Sugar Refineries Ltd., Scotland, Garton, Sons & Co. Ltd., Laing-National Ltd., Hay-Lambert Ltd., Valentin, Ord & Nagle Ltd., Duttson & Knight Ltd., A.B.M.G. (Syrups) Ltd., Fowler Ltd.*

PRODUCTS: *Syrup and Treacle.*

## MARTINS' BAKERY LTD.

69/95, Grove Street, Edinburgh, EH3 8AD. *Tel.* 031-229 5234

*Directors:* F. P. Acres, G. Craig, J. McMillan.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes, Shortbread.*

## MATHER, W. T., LTD.

Millingford Works, Golborne, Warrington, WA3 3NT. *Tel. Ashton-in-Makerfield* 78701.

PRODUCTS: *Fruit (Canned), Lemon Curd, Mincemeat, Preserves.*

## MATLOW BROS. LTD.

Brunswick Works, New Mills, Stockport, Cheshire, SK12 3HA.
*T.A.:* "Matlowbro Stockport". *Tel. New Mills* 44144. *Telex:* 66 9685

*Joint Managing Directors:* M. Matlow, D. Dee. *Directors:* T. Matlow, A. C. Matlow, M. N. Dee, M.P.S., B. N. Dee.

PARENT COMPANY: *Swizzels Ltd.*

SUBSIDIARY COMPANIES: *Cheers Candy Co. Ltd., Chewing Gum Ltd., Meadowland Confections Ltd., Navy Sweets Ltd., T.V. Time Foods Ltd.*

BRAND NAMES: *Matlow's, Bobby Gum, Meadowland, T.V. Time, Cheers, Navy, Swizzels.*

PRODUCTS: *Breakfast Cereals, Chewing Gum, Chocolates, Lemonade etc. Powder, Nut Foods, Peanut Products, Sweets (Boiled Sugar), Sweets (General), Sweets (Liquorice), Sweets (Toffees).*

## MATTESSONS MEATS LTD.

Manor Road, London, E.15. *Tel.* 01-534 4255

OTHER FACTORIES: *Gilesgate Moor, Durham. Tel. Durham* 3388. *Janson Road, London, E.15.*

*Chairman:* R. W. Mattes. *Managing Director:* W. Kok. *Directors:* J. H. Foulkes, D. C. Owens. *Buyer:* H. Eldridge.

PARENT COMPANY: *Unilever Ltd.*

PRODUCTS: *Ham, Meat Products (Open Pack), Prepared Salads, Sausages.*

## MATTHES LTD.

Englands Lane, Gorleston-on-Sea, Norfolk.
*T.A.:* "Matthes, Gt. Yarmouth." *Tel. Gt. Yarmouth* 63131

*Chairman and Managing Director:* C. A. Matthes. *Directors:* K. C. Matthes, E. D. Everett, S. Perks. *Secretary:* E. D. Everett.

PARENT COMPANY: *Matthes Holdings Ltd. (Spillers Group).*

ASSOCIATED COMPANY: *Sunshine Bread Co. (Norwich) Ltd.*

BRAND NAME: *Sunshine.*

PRODUCTS: *Bread, Cakes.*

## MATTHEWS, BERNARD, LTD.

Great Witchingham Hall, Great Witchingham, Norwich, NOR 65X.
*T.A.:* "Turkeys Norwich."
*Tel. Gt. Witchingham* 611. *Telex:* 97455

*Chairman and Managing Director:* B. T. Matthews. *Directors:* M. C. Chittock, C. J. H. Simpson, R. A. N. Napier, S. A. Briggs, A. J. Benstead, W. G. Marlow, A. M. McFarquhar. *Engineer:* S. Thorp. *Buyer:* D. Westgate.

BRAND NAMES: *Norfolk Cottage, Norfolk Manor, Norbe*

PRODUCT: *Quick Frozen Poultry.*

## MATTHEWS, F. W. P., LTD.

Shipton-under-Wychwood, Oxford. *Tel. Shipton-under-Wychwood* 830342

*Managing Director:* I. M. Matthews. *Director:* F. G. Matthews. *Flour Sales Manager:* F. W. P. Matthews.

BRAND NAME: *Cotswold Supreme.*

PRODUCT: *Flour.*

## MAUNDER, LLOYD, LTD.

Tiverton Junction, Willand, Cullompton, Devon. *T.A.:* "Sampford Peverell, 534." *Telex:* 42871. *Tel. Sampford Peverell* 820534

PRODUCTS: *Dripping, Lard, Meat Pies, Meat Products (Open Pack), Quick Frozen Poultry, Sausages.*

## MAXILIN LTD.

Sharples Vale, Bolton, Lancs., BL1 6NR. *Tel. Bolton* 57154

BRAND NAMES: *Maxade, Sherbo, Sherbo Flyers, Wunda Poles.*

PRODUCTS: *Lemonade etc. Powder, Sweets (General).*

## MAXONS LTD.

62, Albert Road, Sheffield, S8 9QW. *Tel. Sheffield* 54216

*Chairman:* R. Pitchfork. *Managing Director:* R. G. Macdonald. *Director:* J. R. Pitchfork (*and Secretary*).

BRAND NAMES: *Dixons, Maxons, Regina, Jesmona, Butlers.*

PRODUCT: *Sweets (Boiled Sugar).*

## MAYNARDS LTD.

Vale Road, London, N4 1PH. *T.A.:* "Unpolluted London N4." *Tel.* 01-800 4221

OTHER FACTORY: *Stoneham Road, Hove,* BN3 5JD. *Tel. Brighton* 733268.

*Chairman and Joint Managing Director:* H. Peter Salmon. *Deputy Chairman:* G. de Galleani. *Joint Managing Director:* R. W. Ramsdale. *Directors:* P. H. McGlaughlin, B. Richman. *Secretary:* J. Kennedy Scott, F.C.A.

SUBSIDIARY COMPANY: *Sun D'Or Ltd.*

PRODUCTS: *Chocolates, Sweets (Boiled Sugar), Sweets (General), Sweets (Wine Gums).*

## MEADOWCROFT & CO. LTD.

Stanley Mills, Butcher Lane, Bury, Lancs., BL9 0PS. *Tel. Bury* 3306

*Chairman and Managing Director:* S. Kitt. *General Manager:* J. J. Clarkson. *Directors:* F. A. Kitt, J. R. Kitt. *Secretary:* T. Bruce.

PARENT COMPANY: *Daintee Chocolate Confectionery Co. (Blackpool) Ltd.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (Toffees).*

## MEDWAY FROZEN FOODS LTD.

Block "D", Medway Trading Estate, Hart Street, Maidstone, Kent.

*Tel.* 0622 65660
*T.A.:* "Medfro Maidstn". *Telex:* 965419

*Managing Director:* J. W. Brunton. *Secretary:* R. Armstrong. *General Manager:* J. R. Durrant. *Plant Manager:* J. A. Wagstaff. *Sales/Marketing Manager:* J. R. Durrant. *Chemist:* R. George.

PARENT COMPANY: *Dalgety (U.K.) Ltd.*

ASSOCIATED COMPANIES: *St. Ives Garden Produce Ltd., Dalgety Food Products Ltd.*

PRODUCTS: *Meat (quick frozen), Meat products (quick frozen).*

## MELLING, ERNEST, LTD.

Lion Bakery, Farnworth, Bolton, Lancs., BL4 7PB.

*Tel. Farnworth* 71394

*Directors:* W. Garfield Weston, T. H. W. Scott, G. H. Rowan, R. J. Sherry, R. J. Pantlin.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## MELLISH, A. W., LTD.

Free Ferry Mills, Woolwich, London, S.E.18. *Tel.* 01-854 2887

*Chairman:* J. A. Thomson, C.A. *Deputy Chairman:* W. E. Owen. *Managing Director:* L. J. Barden. *Secretary:* C. H. Lemon. *Buyer:* L. J. Barden.

BRAND NAME: *Horseshoe.*

PRODUCTS: *Barley Flour, Flour, Pearl Barley, Rice Flour.*

## MENZIES, WILLIAM, LTD.

Wenhill, Calne, Wilts. *Tel. Calne* 3012

*Chairman:* Sir John Stratton, C.B.E. *Director:* J. A. Payne, O.B.E. *Secretary:* R. Willmott, F.C.I.S.

PARENT COMPANY: *F.M.C. Products Ltd. (F.M.C. Group).*

PRODUCTS: *Dripping, Lard.*

## MERRYDOWN WINE COMPANY LTD.

Horam Manor, Horam, Heathfield, Sussex. *T.A.:* " Merrydown Horam."
*Tel. Horam Road* 2254. *Telex:* 87323

*Chairman and Managing Director:* I. A. Howie. *Deputy Managing Director:* M. Sydney. *Secretary:* J. L. Ward. *Production Manager:* E. R. Russell. *Factory Manager:* D. I. Brook. *Marketing Director:* C. J. R. Purdey. *Engineer:* A. A. Miller. *Chemist:* B. Humphreys. *Buyer:* P. C. Turner.

BRAND NAME: *Martlet.*

PRODUCTS: *Fruit Juices, Honey, Vinegar, Vinegar (cider).*

## MERSEYSIDE FOOD PRODUCTS LTD.

185, Regent Road, Liverpool, L20 8DH.
*T.A.:* "Mefop." *Tel.* 051-922 4991

PARENT COMPANY: *Union International Co. Ltd.*

BRAND NAMES: *Gold Cup, Pier Head, Laburnum, Velvet, Velvet Gold, Swish.*

PRODUCTS: *Edible Oil, Margarine.*

### MILANDA BAKERIES (DERRY) LTD.

Glen Road, Londonderry, N. Ireland. *Tel. Londonderry* 4122

PARENT COMPANY: *Inglis & Co. Ltd. (Ranks Hovis McDougall Group).*

PRODUCTS: *Bread, Cakes.*

### MILANDA BREAD CO. (EDINBURGH) LTD.

Sighthill Industrial Estate, Bankhead Drive, Edinburgh, EH11 4EN.
*Tel.* 031-443 6041

PARENT COMPANY: *Beatties Bakeries Ltd. (Ranks Hovis McDougall Group).*

BRAND NAMES: *Milanda, Nairn, McDowell.*

PRODUCTS: *Bread, Cakes.*

### MILBURNS BAKERS LTD.

Toll Bar Road, Sunderland, SR2 0DH. *Tel. Sunderland* 210835

*Joint Managing Directors:* L. P. Milburn, M. W. Milburn. *Director:* J. Harland. *Secretary:* R. Hunter. *Buyer:* J. A. Ord.

PRODUCTS: *Bread, Cakes, Meat Pies.*

### MILK MARKETING BOARD (CREAMERIES DIVISION)

Thames Ditton, Surrey. *T.A.:* " Milmarbo, Thames Ditton."
*Tel.* 01-398 4101. *Telex:* 928239 (Milmarbo Ditton)

*Divisional Director:* Dr. D. L. Armstrong. *Production Manager:* J. Hope. *Sales/Marketing Manager:* D. J. Good.

BRAND NAME: *Dairy Crest.*

PRODUCTS: *Butter, Cheese, Cheese (Stilton), Cream (Long Life), Milk (Long Life), Milk Powder, Whey Powder, Yoghurt.*

### MILK MARKETING BOARD FOR NORTHERN IRELAND

456, Antrim Road, Belfast BT15 5GD, Northern Ireland.
*T.A.:* " Nimboard." *Tel. Belfast* 779211. *Telex:* 747136

*Chairman:* J. K. Lynn, J.P. *General Manager:* Dr. George Chambers. *Deputy General Manager/Secretary:* J. C. McDowell. *Head of Creameries:* G. McL. Grier. *Creamery Sales Manager:* R. P. Smyth. *Marketing Manager:* J. McMurtry. *Engineer:* J. D. Bowden. *Chemist:* D. Aitkenhead. *Buyer:* J. Dickson.

BRAND NAMES: *Bangor Maid, Dromona, Spelga.*

PRODUCTS: *Butter, Cheese, Cheese (Cream), Ice Cream (Dairy), Ice Lollies, Yoghurt.*

### MILLAR, JOHN, & SONS

176, Causewayside, Edinburgh, EH9 1QA. *T.A.:* "Rallim."
*Tel.* 031-667 4422

*Chairman and Managing Director:* W. Roy. *Director:* F. R. Routledge. *Sales Director:* J. W. Thomson. *Secretary:* Philip M. Smith.

PRODUCTS: *Sweets (Boiled Sugar), Sweets (General).*

## MILLER, W. L., & SONS LTD.

Sterte Avenue, Poole, Dorset. *T.A.:* "Dorsage, Poole, Dorset." *Tel. Poole* 3281

*Chairman:* E. T. Beer, C.B.E. *Managing Director:* F. G. Hankins. *Directors:* R. F. Brooke. *Sales Manager:* J. A. McCollah. *Engineer:* G. E. Wilson. *Buyer:* R. J. Davis.

PARENT COMPANY: *Fitch Lovell Ltd.*

BRAND NAME: Millers.

PRODUCTS: *Ham, Lard, Meat Pies, Meat Products (Open Pack), Quick Frozen Meat Products, Quick Frozen Poultry, Sausages.*

## MINSTER (SOFT DRINKS) LTD.

Melbourne Street, Leeds, 2, Yorkshire. *Tel. Leeds* 32501

OTHER FACTORY: *Wellington Road, Liverpool,* 15. *Tel.* 051-733 1435.

*Chairman:* D. F. Strachan. *Deputy Chairman-Chief Executive:* G. E. Inman. *Managing Director:* W. D. Moon. *Directors:* G. D. Yates, D. A. Longbottom, R. W. Jarred, S. J. Neale, R. D. Gilchrist, G. E. V. Martin, K. S. Showering. *Secretary:* E. W. Seabright.

PARENT COMPANY: *Showerings Ltd. (Allied Breweries Group).*

BRAND NAME: *Minster.*

PRODUCT: *Soft Drinks.*

## MONTGOMERIE & CO. LTD.

Wardieburn House, 496, Ferry Road, Edinburgh, EH5 2DL. *Tel.* 031-552 3226.

PARENT COMPANY: *D. S. Crawford Ltd.*

SUBSIDIARY COMPANIES: *Campbell Brothers (Edinburgh) Ltd., Christies of Perth Ltd., Forbes Simmers Ltd., Mackay's of Carnoustie Ltd.*

PRODUCTS: *Biscuits, Oatcakes, Preserves, Shortbread.*

## MOORE, SAMUEL, FOODS LTD.

Easterton, Wiltshire, SN10 4PN. *Tel. Lavington* 2556. *Telex:* 449554

*Managing Director:* M. Goble. *Directors:* C. J. Armstrong, J. Birch, A. R. Deal, J. B. Dunn, D. M. Reed. *Secretary:* C. J. Young. *Chief Chemist and Quality Controller:* D. M. Reed.

BRAND NAMES: *Easterton Village, Peak, Wiltshire.*

PRODUCTS: *Mincemeat, Preserves.*

## MOORE, W., & SON LTD.

Fitzwarren Street, Salford, 6, Lancs. *Tel.* 061-736 2461

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## MOORES, S.

Morcombelake, Bridport, Dorset, DT6 6ES. *Tel. Chideock* 253

BRAND NAME: *Dorset Knob.*

PRODUCTS: *Biscuits, Shortbread.*

## MORECAMBE SOFT DRINKS LTD.

Poulton Works, Morecambe, Lancs. *Tel. Morecambe* 410491

*Chairman:* A. Boocock. *Managing Director:* Jack Holroyd. *Director:* M. Ormondroyd.

PRODUCTS: *Soft Drinks, Table Waters, Vinegar.*

## MORLEY, O. & W., LTD.

Summer Lane, Wombwell, Barnsley, Yorks. *Tel. Barnsley* 753137

*Directors:* F. C. Morley, E. Morley.

PRODUCTS: *Lemon Curd, Mincemeat, Preserves.*

## MORNING FOODS LTD.

North Western Mills, Crewe, Cheshire. *T.A.:* " Mornfood Crewe."
*Tel. Crewe* 3261. *Telex:* 36548

*Chairman and Managing Director:* Philip Lea. *Directors:* John E. Lea, Herbert Lea. *Secretary:* A. G. Jones. *Production Manager and Factory Manager:* G. A. Bruce. *Sales Manager:* Leslie Tomkinson. *Buyer:* W. C. Fowles (*Packaging Materials*).

SUBSIDIARY COMPANY: *Walter Brown & Son Ltd.*

ASSOCIATED COMPANY: *H. J. Lea & Son Ltd.*

BRAND NAMES: *Mornflake Oats, Stayrite.*

PRODUCTS: *Oatmeal, Oats (Rolled).*

## MORRELL, JOHN, & CO. LTD.

Spinney House, Church Street, Liverpool, L70 1AQ. *Tel.* 051-709 9483

FACTORY: *Bardney, Lincs. Tel. Bardney* 231. *Telex:* 56266.

*Chairman and Managing Director:* B. Stead. *Directors:* N. S. Morton G. McBroom, A. J. Lambert, R. V. Cornish. *Secretary:* R. L. Hollowood. *Production Manager:* B. Everitt. *Factory Manager:* A. J. Lambert. *Sales Marketing Manager:* J. A. Lemon. *Engineer:* T. S. Russell. *Chemist:* J. Troman. *Buyer:* B. Digweed.

PARENT COMPANY: *John Morrell & Co. (U.S.A.).*

SUBSIDIARY COMPANIES: *Victoria Cold Storage Co. Ltd., Spring Food Products Ltd.*

BRAND NAMES: *Daisy, Dutch Pride, Mayflower, Maykway, Morning Glory, Morrell, Morrell Pride, Paragon, Three Pig.*

PRODUCTS: *Baked Beans (Canned), Curry Powder, Fruit (Canned), Fruit Juices, Fruit Pulps, Lard, Meat Products (Canned), Mushrooms (Canned), Vegetables (Canned).*

## MUIRHEAD, J., LTD.

Arctic House, Rye Lane, Dunton Green, Sevenoaks, Kent.
*Tel. Sevenoaks* 59581
*T.A.:* "Muirfreez Svoks". *Telex:* 95172

*Chairman:* C. Banyard. *Managing Director:* N. E. Thompson. *Directors:* P. Howell, P. W. Harris. *Secretary:* W. Salter. *Production Manager:* K. Major. *Marketing Manager:* R. Lake. *Buyer:* B. Hanney.

PARENT COMPANY: *British Oxygen Co. Ltd.*

BRAND NAMES: *4F, J.M.L.*

PRODUCTS: *Fish* (*quick frozen*), *Fish products* (*quick frozen*), *Fruit* (*quick frozen*), *Ice Cream, Meat products* (*quick frozen*), *Mousse, Vegetables* (*quick frozen*).

## MULLINER BROS. LTD.

113a, Norwood Road, Southport, Lancs., PR8 6EP. *Tel. Southport* 32152

*Chairman and Managing Director:* John Mulliner. *Directors:* Mrs. M. M. Mulliner, Miss E. Tattersall. *Director and Secretary:* Miss O. C. Jones.

PRODUCTS: *Sweets* (*Boiled Sugar*), *Sweets* (*Toffees*).

## MUNTON & FISON LTD.

Cedars Factory, Stowmarket, Suffolk. *Telex:* 98205. *T.A.:* "Muntona. Stowmarket."
*Tel. Stowmarket* 2401

*Chairman:* D. F. Wells, M.C. *Managing Director:* M. H. Baker-Munton. *Directors:* G. E. P. Milburn, O. J. Wells, A. H. Elks, J. R. Fairlie, J. H. Wells, G. Simpson, A. C. Shelley (*Secretary*). *Marketing Director:* G. Simpson. *Production Manager:* A. H. Elks. *Chemist:* A. P. Ashton. *Buyer:* G. Simpson.

SUBSIDIARY COMPANY: *Edward Fison Ltd.*

BRAND NAME: *Muntona.*

PRODUCTS: *Flour* (*Malted*), *Malt Extract.*

## MURCHIES CREAMERIES LTD.

Lochrin Place, Edinburgh, 3. *T.A.:* "Choice. Edinburgh."
*Tel.* 031-229 4546

*Chairman:* F. Murchie. *Managing Director:* Reid Speirs. *Directors:* J. C. Lessels, R. G. F. Spiers, J. Smart, F. McLauchlan. *Secretary:* Raymond Reid, S.S.C. *Production Managers:* A. M. McKay, G. Spiers. *Sales Manager:* W. Grieve. *Chemist:* Mary Richmond. *Buyer:* Graham Speirs.

BRAND NAME: *Home Farm.*

PRODUCTS: *Butter, Cheese, Cheese* (*Processed*), *Cheese Spread, Cream* (*canned*), *Cream* (*Long Life*), *Milk* (*Long Life*), *Soft Drinks, Yoghurt.*

## NABISCO LTD.

Bridge Road East, Welwyn Garden City, Herts. *T.A.:* "Welgar, Welwyn Garden City." *Telex:* 262400. *Tel. Welwyn Garden* 25100

*Chairman:* R. E. Woodcock. *Directors:* T. G. Richter (U.S.A.), C. E. Bradford, C. J. Bridge, V. B. Diehl (U.S.A.), The Rt. Hon. The Earl of Granard, E. P. Redding, R. M. Schaeberle (U.S.A.), T. J. Craven (U.S.A.). P. F. Raymond. *Secretary:* A. S. Barrett.

PARENT COMPANY: *Nabisco Inc. New York.*

NABISCO FOODS, Bridge Road East, Welwyn Garden City. *T.A.:* "Welgar, Welwyn Garden City." *Telex:* 262400. *Tel. Welwyn Garden* 25100

*Operations Manager:* J. M. Green. *Sales Manager:* J. J. Lennon. *Marketing Manager:* E. Verschueren. *Engineer:* K. E. Davies. *Buyer:* J. Allen.

NABISCO-FREARS BISCUITS, Woodgate, Leicester and Canal Street, South Wigston, Leics. *T.A.:* "Biscuits, Leicester." *Telex:* 34669. *Tel. Leicester* 23133.

*Works Manager:* J. Stevenson. (Woodgate), G. T. Wilson (Wigston). *Sales Manager:* J. Round. *Marketing Manager:* J. Bryant. *Engineers:* W. Hudson (Woodgate), L. A. Ball (Wigston). *Chemist:* R. Blakely. *Buyer:* A. J. Neale.

BRAND NAMES: *Cubs, Golden Nuggets, Mary Baker, Ritz, Shreddies, Tea Time, Welgar.*

PRODUCTS: *Biscuits, Breakfast Cereals, Cake Mixes, Dessert Mixes.*

## NAIROBI COFFEE & TEA CO. LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II COFFEE MERCHANTS*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER COFFEE MERCHANTS*

Unit 1a, Shakespeare Industrial Estate, Watford, Herts. *Tel. Watford* 34561

FACTORY: 57A, *Park Terrace East, Horsham, Sussex.* *Tel. Horsham* 2554.

*Chairman:* Rear-Admiral Sir John Coote, Bart. *Managing Director:* C. J. Coote. *Directors:* R. M. Hutchinson, P. D. Collings-Wells. *Secretary:* E. Pickles. *Production Manager:* D. G. Driver.

BRAND NAMES: *Nairocaf, Pride of Kenya.*

PRODUCTS: *Coffee, Coffee (Instant), Tea.*

## NATIONAL FISHCURING CO. LTD.

Raik Road, Aberdeen. *T.A.:* "Natfish, Aberdeen." *Tel. Aberdeen* 28331

*Secretary:* N. W. Reekie.

BRAND NAMES: *National, National Sovereign.*

PRODUCT: *Quick Frozen Fish.*

## NEEDLER'S LTD.

Sculcoates Lane, Hull, Yorks. *T.A.:* " Needful Hull." *Tel. Hull* 42435. *Telex:* 527029

*Chairman and Managing Director:* Raymond Frederick Needler, B.A. (Com.). *Directors:* John J. Hetherington (*Production*), Colin S. Machin (*Marketing*), George W. English (*Export*). *Secretary:* Michael S. Brayshaw. *Engineer:* H. Todd. *Buyers:* J. Qualey (*Packaging*), D. Allen (*Raw Materials*).

SUBSIDIARY COMPANY: *Batger & Co. Ltd.*

BRAND NAMES: *Family Choice, Fiesta, Jersey, Richmond Selection, Chinese Figs.*

PRODUCTS: *Chocolates, Sweets (General), Sweets (Boiled Sugar), Sweets (Toffees).*

## NEILL, JAMES, LTD.

1, College Place North, Belfast, BT1 6BG. *Tel. Belfast* 21626

PARENT COMPANY: *Allied Mills Holdings Ltd.* (*Weston Group*).

PRODUCT: *Flour.*

## NELSON PRESERVING CO. LTD.

Long Lane, Aintree, Liverpool, L9 7BN. *T.A.:* " Turnover Liverpool."
*Tel.* 051-525 1606

*Chairman:* J. M. Porter. *Managing Director* B. Gilpin. *Directors:* Joy F. Porter, F. Simpson, A. Robinson.

PARENT COMPANY: *Weston Foods Ltd.* (*Weston Group*).

BRAND NAMES: *Diajel, Nelson, Ely.*

PRODUCTS: *Diabetic Food, Fruit Pulps, Jellies* (*Table*), *Lemon Curd, Mincemeat, Peel, Preserves.*

## NESTLÉ CO. LTD.

*BY APPOINTMENT TO HER MAJESTY THE QUEEN MANUFACTURERS OF INSTANT COFFEE*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER MANUFACTURERS OF NESTLÉ PRODUCTS*

St. George's House, Croydon, Surrey, CR9 1NR.
*T.A.:* " Nestlé Croydon Telex."
*Tel.* 01-686 3333. *Telex:* 23117

*Chairman:* W. A. Manahan. *Managing Director:* R. A. Wilson. *Directors:* C. L. Angst (Swiss), P. Liotard-Vogt, A. Furer (Swiss), B. L. Hackforth, M. O. Gloor (Swiss), J. R. Prout.

PARENT COMPANY: *Nestlé Alimentana S.A. Vevey* (*Switzerland*).

SUBSIDIARY COMPANIES: *Crosse & Blackwell Ltd., James Keiller & Son Ltd. and others.*

BRAND NAMES: *Nestlé, Ideal, Nescafé, Gold Blend, Nestea, Mr. Mix, Nesquik, Milo, Maggi, Chef, Sweetheart.*

PRODUCTS: *Beverages, Chocolates, Coffee* (*Instant*), *Cream* (*Canned*), *Dessert Mixes, Milk* (*Condensed*), *Milk Powder, Soup* (*Packeted*), *Tea* (*Instant*).

## NEVILL, H. W., LTD.

209, Harrow Road, Leytonstone, London, E11 3PZ. *Tel.* 01-534 5841

*Directors:* W. Garfield Weston, F. G. Jennings, J. K. Rhodes, J. H. Clay, S. R. Akerman, H. A. Gorley.

PARENT COMPANY: *Associated British Foods Ltd.* (*Weston Group*).

PRODUCT: *Bread.*

## NEW CHESHIRE SALT WORKS LTD.

Wincham, Northwich, Cheshire. *Tel. Northwich* 2361

BRAND NAMES: *Selva Table Salt, Arisal Cooking Salt.*

PRODUCT: *Salt.*

## NEWBALL & MASON LTD.

Dormston Trading Estate, Sedgley, Dudley. *Tel. Sedgley* 2537

*Chairman and Managing Director:* A. J. R. Hickling. *Director:* D. R. D. Astill. *Production Manager:* A. J. Hickling.

BRAND NAMES: *Mason's Extract of Herbs, Lemonine, Maville.*

PRODUCTS: *Beverages, Curry Powder, Essences, Colourings and Flavours, Gravy Browning, Herbs, Mint Jelly, Mint Sauce, Spices.*

## NEWBURY MINERAL WATER CO. LTD.

King's Road, Newbury, Berkshire, RG14 5BZ. *Tel. Newbury* 136

*Chairman and Managing Director:* H. R. Selman. *Directors:* C. M. Crowson, J. Selman. *Secretary:* C. M. Crowson. *Factory Manager:* A. Cumbrell. *Buyer:* H. R. Selman.

ASSOCIATED COMPANY: *Gays of Newbury Ltd.*

BRAND NAME: *Chequers.*

PRODUCT: *Soft Drinks.*

## NEWFORGE LTD.

1, West Smithfield, London, EC1A 9LA. *Tel.* 01-248 6431

FACTORIES: *Ditton Court, nr. Maidstone, Kent.* *Tel. West Malling* 3051. *Wambo Lane, Gateacre, Woolton, Liverpool.*

PARENT COMPANY: *Lovell & Christmas Ltd. (Fitch Lovell Group).*

BRAND NAME: *Newforge.*

PRODUCTS: *Fruit (Canned), Meat Products (Canned), Vegetables (Canned).*

## NEWTIME FOODS LTD.

Newtime Works, High Street, Battle, Sussex. *Tel. Battle* 3322

*Chairman:* C. C. Benmore. *Managing Directors:* A. Rea, B. Thomas, M.Inst.M. *Directors:* G. Godbold, B.Sc., A.I.F.S.T., M. White. *Secretary:* M. P. M. Ollard. *Factory Manager:* I. Hiscott. *Chemist:* K. G. Godbold, B.Sc., A.I.F.S.T.

PARENT COMPANY: *Sale Tilney & Co. Ltd.*

BRAND NAMES: *Newbery, Newtime.*

PRODUCTS: *Preserves, Sweets (General).*

## NICHOLS, J. N., (VIMTO) LTD.

Ledson Road, Manchester, M23 9NL. *T.A.:* " Thump Manchester."
*Tel.* 061-998 8801

*Chairman:* Peter Nichols. *Managing Directors:* Peter Nichols, John Noel Nichols (jun.), B.A.(Com.). *Directors:* G. F. Bridgman, A. J. Pearson, B.Sc. Tech. *Secretary:* B. Kilby, F.C.A.

BRAND NAME: *Vimto.*

PRODUCT: *Soft Drinks.*

## NICKSON, GEORGE & JOHN, & CO. LTD.

Grist Street, Kirkdale, Liverpool, L4 3TZ. *T.A.:* " Ickso Liverpool."
*Tel.* 051-922 2368. *Telex:* 627152

*Chairman:* C. C. Benmore. *Joint Managing Directors:* G. D. Freeman, D. G. D. Freeman. *Director:* M. Graff. *Joint Secretaries:* M. Graff, B. Com., F.C.A. M. P. M. Ollard, M.A.

PARENT COMPANY: *Sale, Tilney & Co. Ltd.*

BRAND NAMES: *Gold Dish, White Eagle.*

PRODUCTS: *Canned Meats, Ham, Lard, Pastes (Meat).*

## NOËL, L., & SONS LTD.
### incorporating Pannett & Neden.

Soho Works, Coburg Road, London, SE5 0HY.
*T.A.:* " Noel London, S.E.5." *Tel.* 01-703 5421

*Chairman and Managing Director:* R. E. Miles. *Directors:* J. Gilpin, R. Pepperdine, Miss H. Camp, Mrs. D. E. Miles. *Secretary:* J. Toyne. *Factory Manager:* G. Goodbody.

PARENT COMPANY: *Fitch Lovell Ltd.*

PRODUCTS: *Cherries (Cocktail), Cocktail Sundries, Ginger in Syrup, Herbs (Culinary), Mustard (French), Olives, Sauces (Tartare, Prawn Cocktail, Horseradish, Cranberry, Melba, Cumberland), Sauce Mixes, Spices, Stuffings, Vinegar.*

## NORIE LTD.

Quality Kitchens, 22/24, Armour Street, Glasgow, G31 1DR.
*T.A.:* " Scotchef Glasgow." *Tel.* 041-554 6471

*Managing Director:* W. E. Nash. *Director:* T. R. C. Inglis. *Secretary:* P. J. Whitechurch, F.C.I.S.

PARENT COMPANY: *Spillers-French Baking Ltd.*

BRAND NAME: *Norie.*

PRODUCTS: *Bacon, Meat Pies, Meat Products (Open Pack), Pastry (Puff), Sausages.*

## NORTH OF SCOTLAND MILK MARKETING BOARD

*Tel. Inverness* 32611.
Claymore House, 29, Ardconnel Terrace, Inverness. *Telex:* 75254

FACTORIES: *Deerness Road, Kirkwall, Orkney. Tel. Kirkwall* 2824. *The Glebe, King Street, Nairn. Tel. Nairn* 2727.

*Chairman:* I. H. Grant. *Secretary:* R. A. Russell, O.B.E. *Marketing Manager:* C. A. Chisholm.

BRAND NAME: *Claymore.*

PRODUCTS: *Butter, Cheese, Milk Powder.*

## NORTHERN CAKE & FLOUR LTD.,

Beverley House, St. Stephen's Square, Hull, Yorks, HU1 3XG.
*Tel. Hull* 25432

*Chairman:* C. R. Haskins. *Directors:* Dr. H. B. Cardwell, A. Green, N. H. Jackson, G. A. F. Riggs, H. M. Smith, M. Wilson, G. B. Wright. *Secretary:* N. G. K. Lumb, F.C.A.

PARENT COMPANY: *Northern Foods Ltd.*

SUBSIDIARY COMPANIES: *Park Cake Bakeries Ltd., Smiths Flour Mills Ltd.*

PRODUCTS: *Cakes, Flour.*

## NORTHERN DAIRIES (IRELAND) LTD.

169, Upper Newtownards Road, Belfast, Northern Ireland.
*Tel. Belfast* 650341

PARENT COMPANY: *Northern Dairies Ltd.*

SUBSIDIARY COMPANIES: *Dobsons Dairies (Belfast) Ltd., Stephens Dairies (Belfast) Ltd., Ulster Creameries Ltd.*

PRODUCTS: *Butter, Ice Cream, Ice Cream (Dairy), Ice Lollies, Milk Foods, Soft drinks, Yoghurt.*

## NORTHERN DAIRIES LTD.

Beverley House, St. Stephen's Square, Hull, Yorks, HU1 3XG.
*Tel. Hull* 25432

*Chairman:* G. N. S. Horsley. *Deputy Chairman:* G. B. Wright. *Directors:* R. Brabbs, Dr. H. B. Cardwell, F. Gordon, C. R. Haskins, G. A. T. Morris, G. A. F. Riggs, J. A. Robinson, H. Shapero, O. Thomas, J. C. Wheatley, J. R. Clayton, W. Cullen.

PARENT COMPANY: *Northern Foods Ltd.*

SUBSIDIARY COMPANIES: *Bruntons Dairies Ltd., Dale Farm Foods Ltd., Graingers Dairies Ltd., Ivanhoe Dairies Ltd., Northern Dairies (Holme Moor) Ltd., Northern Dairies (Hull) Ltd., Northern Dairies (Ireland) Ltd., Northern Dairies (Wales) Ltd., Nottingham Dairy Co. Ltd., Rotherham Dairies Ltd., Southwicks Dairies Ltd., Three Counties Creameries Ltd.*

BRAND NAME: *Dale Farm.*

PRODUCTS: *Butter, Cream, Desserts (prepared), Milk (Condensed), Milk Powder, Puddings (Canned) milk, Yoghurt.*

## NORTHERN FOODS LTD.

Beverley House, St. Stephen's Square, Hull, Yorks., HU1 3XG.
*Tel. Hull* 25432

*Chairman:* G. N. S. Horsley. *Deputy Chairman:* C. R. Haskins. *Directors:* Dr. H. B. Cardwell, J. R. Clayton, G. A. T. Morris, D. L. Smith, G. B. Wright. *Advisory Directors:* A. S. Horsley, J. A. Horsfield.

SUBSIDIARY COMPANIES: *Northern Cake & Flour Ltd., Northern Dairies Ltd.*

## NORTHERN IRELAND FARMERS BACON CO. LTD.

Cookstown, Co. Tyrone, N. Ireland. *Tel. Cookstown* 3321. *Telex:* 74436

*Chairman:* J. B. McGuckian. *Vice-Chairman:* D. M. Thompson. *Managing Director:* R. M. Thompson. *Directors:* W. E. Brown, J. Cameron, C.A., S. Ritchie. *Secretary:* K. S. McLernon. *General Factory Manager:* D. Sutherland, B.Sc. *Production Manager:* R. W. Stone. *Services Manager:* R. B. Lysk. *Sales Manager:* I. Bell. *Engineer:* T. Kennedy.

PARENT COMPANY: *Pigs Marketing Board (Northern Ireland).*

BRAND NAME: *Cookstown.*

PRODUCTS: *Bacon, Ham, Lard, Meat Pies, Meat Products (open pack), Sausages.*

## NUTTALL RILEY LTD.

Hopwood Lane, Halifax, Yorkshire.
*T.A.:* " Bon Bon Halifax." *Tel. Halifax* (0422) 60697
*Telex:* 517303

OTHER FACTORY: *Athron Street, Doncaster.*

*Chairman and Managing Director:* K. A. Werrell. *Directors:* D. Millward, K. A. Bennett, D. Whitehouse. *Secretary:* D. J. Jack.

PARENT COMPANY: *Callard & Bowser, Nuttall Ltd.*

BRAND NAMES: *Nuttall's Mintoes, Riley's.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (Toffees), Sweets (General).*

## NUTTALLS (PATAMINTS) LTD.

Henry Street, Blackpool, Lancs., FY1 5BR. *Tel. Blackpool* 42246

*Managing Director:* M. Nuttall. *General Manager and Secretary:* W. Nuttall. *Production Manager:* W. Nuttall. *Sales Manager:* J. Nuttall. *Engineer:* F. Nuttall. *Buyer:* W. Nuttall.

BRAND NAME: *Patamints.*

PRODUCT: *Sweets (General).*

## OAKE, WOODS & CO. LTD.

Gillingham, Dorset. *T.A.:* " Oake Gillingham Dorset."
*Tel. Gillingham* 2101

*Chairman:* Sir John Stratton, C.B.E. *Director:* G. M. Sandiford. *Secretary:* R. Beck. *Factory Manager:* T. A. James.

PARENT COMPANY: *C. & T. Harris (Calne) Ltd. (F.M.C. Group).*

PRODUCTS: *Bacon, Ham, Lard, Meat Products (Open Pack), Sausages.*

## ORANGE CRUSH CO. (LONDON) LTD.

Denington Estate, Wellingborough, Northants, NN8 2QJ.
*T.A.:* "Stralia, Wellingborough." *Tel.* 09-333 5337.
*Telex:* 311342 (Barfos Wboro).

*Non Executive Chairman:* A. W. E. Downer, B.Sc., Ph.D., A.R.I.C. *Managing Director:* J. S. H. Aikman. *Directors:* P. N. O'Donoghue, B.Sc., A.R.I.C., T. L. Hughes.

PARENT COMPANY: *Dawson & Barfos Ltd.*

BRAND NAMES: *Occo, Sunrich.*

PRODUCTS: *Fruit Concentrates, Soft Drinks.*

## ORMEAU BAKERY LTD.

307, Ormeau Road, Belfast, BT7 3GN, N. Ireland. *T.A.:* " Ormo Belfast."
*Tel. Belfast* 641241

*Chairman and Managing Director:* R. I. E. Wilson, M.A. *Directors:* J. Elliott Wilson, H. R. Stafford, F.R.I.C., J. A. Logan, N. H. Timmis, F. T. Kelly. *Secretary:* T. B. McCartney. *Production and Factory Manager:* J. Elliott Wilson. *Chemist:* H. R. Stafford, F.R.I.C. *Buyer:* W. Mackie.

SUBSIDIARY COMPANY: *H. Stevenson & Co. Ltd.*

BRAND NAMES: *Ormo, Ormvito Ormocrisp, Ormalt, Ormo Procea.*

PRODUCTS: *Biscuits, Bread, Cakes, Cakes (canned), Chocolates, Christmas Puddings, Crispbread, Flour (Self-Raising), Mincemeat, Oatcakes, Sweets (General).*

## PAINE & CO. LTD.

Market Square, St. Neots, Huntingdon, Cambs. *T.A.:* "Paine, St. Neots."
*Tel. Huntingdon* 72581

OTHER FACTORY: *Bedford Street, St. Neots, Huntingdon, Cambs.*
*Tel. Huntingdon* 73119

*Chairman and Managing Director:* T. G. McNish, M.A. *Directors:* I. R. McNish, S. R. Olver, M. Banks. *Secretary:* W. B. Cutler.

BRAND NAMES: *Blue Crest, John Bull, Paco, Red Crest.*

PRODUCTS: *Flour, Flour (rye), Malt Extract, Malt Flour.*

## PALETHORPE'S LTD.

P.O. Box 1, Maer Lane, Market Drayton, Shropshire, TF9 3AW.
*Tel. Market Drayton* 2271

*Chairman:* B. A. Jones. *Managing Director:* J. P. Wood. *Directors:* N. Armitage, G. Howard Heaton, F.C.A. *Secretary:* R. G. Hope. *Production Manager:* G. Ban. *Sales Manager:* R. B. St. J. Marston. *Engineer:* R. Hall. *Chemist:* R. Baron. *Buyer:* R. Young.

PARENT COMPANY: *J. Bibby & Sons Ltd.*

BRAND NAMES: *Royal Cambridge, Royal Melton, Royal Oxford, Shropshire.*

PRODUCTS: *Bacon, Ham, Meat Pies, Meat Products (Canned), Meat Products (Open Pack), Sausages.*

## PALMER, W. A., & SONS

Swan Factory, Wheeler Street, Hull, Yorks. *Tel. Hull* 506955.

*Partners:* W. L. Palmer, R. A. Palmer, E. G. Palmer, D. W. Palmer, L. Palmer

BRAND NAMES: *Swan Sweets, Palmers Sweets.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (General).*

## PANNETT & NEDEN

(*See L. Noel & Sons Ltd.*)

## PARK CAKE BAKERIES LTD.

Hathershaw Park Bakery, Ashton Road, Oldham, Lancs., OL8 2ND.
*T.A.:* "Parkona Oldham."
*Tel.* 061-633 1181. *Telex:* 668738

*Chairman:* C. R. Haskins. *Managing Director:* Neil Jackson. *Deputy Managing Director:* Hartley Smith. *Directors:* G. Castle, L.L.B., C. W. Massey, T. Viles, N. G. K. Lumb, F.C.A., G. B. Wright. *Secretary:* N. G. K. Lumb.

PARENT COMPANY: *Northern Cake & Flour Ltd.*

SUBSIDIARY COMPANIES: *Automac Ltd., Edmonds Eccles Cakes Ltd., Heudebert Foods Ltd., Hill & Smith (Oldham) Ltd., R. & A. Lomax Ltd., Parkona Ltd., A. Sager Ltd., Warford Arms Hotel Ltd.*

BRAND NAMES: *Mrs. Beeton, Park, Parkona.*

PRODUCT: *Cakes.*

## PARKERS BAKERIES LTD.

Cater Road, Bishopsworth, Bristol BS13 7TT. *Tel. Bristol* 665161

*Directors:* W. Garfield Weston, F. P. Acres, A. G. Strong, G. H. Hartnoll.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## PARKINSON, S., & SON (DONCASTER) LTD.

Royal Butter Scotch Works, Doncaster, Yorks.
*T.A.:* " Supreme Doncaster." *Tel. Doncaster* 3487

*Directors:* J. A. Earlam, M. L. Hayes, K. H. Riley, B. Whitesmith. *Secretary:* J. P. Kinch.

PARENT COMPANY: *Cavenham Confectionery Ltd. (Cavenham Group).*

BRAND NAMES: *Old Fashioned and Pastime Sweets, Royal Doncaster Butter-Scotch.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (Butter-Scotch), Sweets (Toffees).*

## PARRY'S BUTTERFULL CAKES LTD.

Hirwaun Industrial Estate, Aberdare, Glam., CF44 9YF.
*T.A.:* "Butterfull, Aberdare." *Tel. Hirwaun* (0685) 811828

*Chairman and Managing Director:* D. G. Evans. *Director and Secretary:* G. Evans. *Production Manager:* A. Jones.

BRAND NAMES: *Butterfull, Parry's.*

PRODUCT: *Cakes.*

## PASTA FOODS LTD.

224, London Road, St. Albans, Herts. *Tel. St. Albans* 60461

*Chairman:* J. M. Semple. *Managing Director:* F. F. Fox. *Deputy Managing Director:* D. Sutherland. *Directors:* Bryan C. Read, V. Price, J. Russ. *Secretary:* P. J. Ridley. *Marketing Director:* K. L. Spencer.

PARENT COMPANY: *Pasta Foods (Holdings) Ltd. (Ranks Hovis McDougall Ltd.).*

BRAND NAMES: *Averys, Record, Spring Vale.*

PRODUCT: *Pasta Products.*

## PATERSON, R., & SONS LTD.

77, Charlotte Street, Glasgow, G1 5DJ. *T.A.:* "Camp Glasgow."
*Tel.* 041-552 1351

*Chairman:* J. C. Paterson. *Managing Director:* W. Armstrong. *Directors:* George E. Coles, G. Walls, Gavin Boyd, W. M. Adamson, I. C. Seel. *Secretary:* W. M. Adamson.

SUBSIDIARY COMPANIES: *Thomas Neill (Preserves) Ltd., Isles Foods Ltd., Jean MacGregor Ltd., English Chicory Ltd.*

BRAND NAMES: *Camp Coffee and Chicory Essence, Camp Instant Coffee, Neills, MacGregor's Soups.*

PRODUCTS: *Beetroots (processed), Coffee Essences and Extracts, Coffee (instant), Date Spread, Preserves, Soup (canned).*

## PATERSON'S SCOTTISH SHORTBREAD LTD.

Houston Industrial Estate, Livingston, West Lothian, EH54 5DN.
*T.A.:* "Patacake, Livingston." *Tel. Livingston* 31031.
*Telex:* 72643

*Chairman:* J. N. Murphy. *Managing Director:* A. L. Davidson. *Assistant Managing Director:* Arthur A. C. Hendry. *Directors:* W. R. Turnbull, A. K. Smellie, A. B. Dobson, C.A., D. Watt. *Secretary:* Arthur A. C. Hendry, C.A. *Factory Manager:* J. J. Clark. *Engineer:* W. R. Ward. *Buyer:* A. K. Smellie.

PARENT COMPANY: *Booker McConnell Ltd.*

SUBSIDIARY COMPANIES: *Cotswold Confections Ltd., J. Paterson & Son Ltd.*

BRANDS NAMES: *Cotswold, Patersons.*

PRODUCTS: *Almond products, Biscuits, Oatcakes, Shortbread.*

## PAYNE, GEORGE, & CO. LTD.

57, Croydon Road, Croydon, Surrey CR9 4BU.
*T.A.:* " Pouring, Croydon." *Tel.* 01-688 7744. *Telex:* 261361

FACTORIES: *Croydon Road, Waddon, Surrey CR9 4BU. Tel.* 01-688 7744. 2/16, *Boss Street, London S.E.*1. *Tel.* 01-407 1454.

*Chairman:* Sir John Muir, Bart., T.D., D.L. *Managing Director:* J. Murray, M.C., F.C.C.A. *Marketing and Export Director:* P. L. Davey. *Beverage Sales Director:* G. D. Payne. *Finance Director:* A. C. Afxentiou, A.C.C.A. *Production Director:* E. J. Webb, B.Sc. *Directors:* S. R. Stephens, C.B.E., Sir Colin M. Campbell, Bart., M.C. *Secretary:* B. J. Tomkinson. *Production Manager:* J. W. Maynard (*Confectionery*). *Factory Manager:* P. A. Woodage (*Tea*). *Sales Manager:* J. E. Macgregor (*Confectionery*), H. G. Twitchin (*Beverage*). *Development Engineer:* G. J. Hawes. *Works Engineer:* D. C. Clayson. *Food Technologist:* M. Pearse. *Buyers:* J. J. Prior (*Raw Materials*), E. E. Clark (*Packaging Materials*).

ASSOCIATED COMPANIES: *James Finlay & Co. Ltd., West Nile Holdings Ltd., Consolidated Tea & Lands Co. Ltd.*

BRAND NAMES: *GP Tea, Payne's Poppets, Toffetts, Lift Lemon Tea.*

PRODUCTS: *Chocolates (Dragees), Chocolate (drinking), Coffee, Coffee (instant), Sweets (general), Tea, Tea (instant).*

## PEARCE DUFF & CO. LTD.

Humphrys Road, Woodside Estate, Dunstable, Beds., LU5 4TE.
*T.A.:* "Bakoego Dunstable." *Tel. Dunstable* 603191
*Telex:* 825277.

*Chairman and Managing Director:* H. C. P. Bidwell. *Director:* R. P. Byrne (*Sales*). *Secretary:* C. P. Stevens. *Factory Manager:* N. D. Watts. *Engineer:* R. R. Hunt. *Chemist:* J. McEwan. *Buyer:* J. Buckland.

PARENT COMPANY: *Pearce Duff Holdings Ltd.*

ASSOCIATED COMPANIES: *Marela Ltd., Fardons Ltd., Lynnpak Ltd.*

BRAND NAME: *Pearce Duff.*

PRODUCTS: *Baking Powder, Cake Mixes, Cornflour, Curry Powder, Custard Powder, Dessert Powder, Essences, Colourings and Flavours, Gravy Browning, Herbs (Culinary), Jellies (Table), Spices.*

## PEEK FREAN & CO. LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II BISCUIT MANUFACTURERS*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER BISCUIT MANUFACTURERS*

(*See Associated Biscuit Manufacturers Ltd.*)

## PEERLESS REFINING CO. (LIVERPOOL) LTD.

P.O. Box No. 15, Dunnings Bridge Road, Bootle, Merseyside, L30 6TJ.
*T.A.:* "Shortening, Liverpool." *Tel.* 051-525 5151. *Telex:* 62345

*Chairman:* C. R. S. Robertson. *Managing Director:* H. Sweeney. *Directors:* J. Walton, J. C. Huxtable, J. W. Holloway. *Secretary:* D. R. Sibley. *Factory Manager:* R. Ritchie. *Sales Marketing Manager:* W. P. Llewellyn. *Engineer:* W. T. Bunn. *Chemist:* F. V. K. Young. *Buyer:* J. Walton.

PARENT COMPANY: *Distillers Co. Ltd.*

PRODUCTS: *Cooking Fat, Edible Oil, Lard, Margarine.*

## PENDLETON, WILLIAM, & SONS LTD.

18b, Newstet Road, Kirkby Trading Estate, Liverpool.
*Tel.* 051-546 2626

*Chairman and Managing Director:* Ronald Leslie Pendleton. *Directors:* Doris Joan Pendleton (*Secretary*), William A. Pendleton (*Works Manager*). *Production Manager:* Norman Pendleton.

SUBSIDIARY COMPANY: *William Pendleton & Sons* (*Wholesale*) *Ltd.*

BRAND NAMES: *Pendletons, Ballerina, Twicer.*

PRODUCTS: *Ice Cream, Ice Lollies, Sweets* (*General*).

## PENGUIN CONFECTIONERY CO. LTD.

Penguin House, Carlisle, Cumberland. *T.A.:* "Penguin Carlisle."
*Tel. Carlisle* 26262

*Chairman and Managing Director:* P. Bond. *Directors:* M. Johnson, W. Love (*Sales*). *Secretary:* R. Surfleet. *General Manager:* A. M. Grant. *Engineer:* R. Haddock. *Chemist:* D. Kimber. *Buyer:* Mrs. M. Beattie.

PARENT COMPANY: *Carter Penguin Group Ltd.*

ASSOCIATED COMPANIES: *J. Harradine & Sons Ltd., Bonds of London Ltd.*

PRODUCTS: *Chocolates, Cocktail Sundries, Ginger* (*Crystallized*), *Ginger in Syrup, Sweets* (*General-Gums, jellies*), *Sweets* (*Toffees*).

## PENISTONE PURE MALT VINEGAR CO. LTD.

87, South Lambeth Road, London, SW8 1RE. *Tel.* 01-735 8100

*Chairman and Managing Director:* G. F. Bond. *Director:* K. C. Meyrick. *Secretary:* B. A. Killick.

PARENT COMPANY: *British Vinegars Ltd.*

PRODUCT: *Vinegar.*

## PENSAN JAMS LTD.

Eastern Avenue, Trent Valley, Lichfield, Staffs, WS13 6RU.
*Tel. Lichfield* 24288

*Directors:* T. Tiplady, J. W. Holloway, J. H. McCartney.

PARENT COMPANY: *Distillers Co. Ltd.*

BRAND NAMES: ***Pensan, Sunny Orchard.***

PRODUCTS: ***Lemon Curd, Mincemeat, Preserves.***

## PETER'S PATENT POWDER WORKS LTD.

Cardigan Fields, Kirkstall Road, Leeds, LS4 2BT.
*Tel. Leeds* 632222. *Telex:* 632222 Peters

*Chairman and Managing Director:* D. F. A. Pollock. *Directors:* A. W. Pratt, A. S. Pollock, J. M. Farley. *Secretary:* Miss P. Walton. *Production Manager and Factory Manager:* A. W. Pratt. *Sales Marketing Manager:* A. S. Pollock. *Buyers:* D. F. A. Pollock, A. S. Pollock.

BRAND NAMES: *Peters Superior Gglaz, Py-Jell, Nu-Glaze, Bun-Glaze.*

PRODUCTS: *Almond Products, Arrowroot, Baking Powder, Cherries (cocktail), Cherries (Glacé), Cocoa, Cornflour, Curry Powder, Custard Powder, Essences, Colourings and Flavours, Fruit (Canned), Fruit (Dehydrated), Fruit Pulps, Ginger (Crystallized), Jellies (Table), Lemon Curd, Lemonade etc. Powder, Milk (Powder), Mincemeat, Mustard, Oatmeal, Oats (Rolled), Pearl Barley, Peel, Pie Filling (dried fruit), Potato Powder (Instant), Spices, Sugar, Tapioca, Vegetables (Dehydrated).*

## PETTITTS OF REEDHAM LTD.

Camphill, Reedham, Norwich, Norfolk, NOR 92A. *Tel. Freethorpe* 243

*Chairman:* Victor Charles Pettitt. *Director:* Ruth Eileen Pettitt.

BRAND NAMES: *Norfolk Broads, Pettitt, Wherry.*

PRODUCTS: *Patés (Poultry and Game), Quick Frozen Game, Quick Frozen Poultry.*

## PICKERINGS FOODS LTD.

Field House, Hayes Park, Hayes, Middx., UB4 8AL.
*Tel.* 01-848 7441. *Telex:* 261477

*Chairman:* J. A. Connell. *Managing Director:* J. G. Dudlyke. *Directors:* J. B. Pollock, J. Bodmer, K. L. Smart (*Secretary*). *Manager of Operations:* A. P. Bingham. *Sales/Marketing Manager:* G. H. Palethorpe. *Manager Technical Services:* C. B. Wile.

PARENT COMPANY: *H. J. Heinz Co. Ltd.*

SUBSIDIARY COMPANY: *Lowercroft Warehouses Ltd.*

BRAND NAMES: *Cockade, Pickerings, Samor, Star-Kist, Sunspot.*

PRODUCTS: *Baked Beans (canned), Cream (canned), Cream (long life), Fruit (canned), Fruit Fillings, Fruit Juices, Milk Foods, Milk Powder, Mushrooms (canned), Pie Fillings (canned), Puddings (canned) Milk, Tomato Juice, Vegetables (canned).*

## PILLSBURY FOODS

(*See H. J. Green & Co. Ltd.*)

## PIPER PRODUCTS (POOLE) LTD.

Brighton Street, Hull, E. Yorks. *Tel. Hull* 27802

OTHER DEPOTS: *Churchfield Road, London, W.*3. *Tel.* 01-992 6916

*Chairman:* Mark Hellyer. *Directors:* S. J. Pearson, J. B. Holt, W. H. Alston. *Production Manager:* K. Tate. *Sales Manager:* R. G. Horrocks. *Engineer:* L. Kay. *Buyer:* J. S. Storer.

PARENT COMPANY: *Associated Fisheries Ltd.*

ASSOCIATED COMPANY: *Associated Fisheries & Foods Ltd.*

BRAND NAME: *Polly Pipers.*

PRODUCTS: *Fish Cakes, Ham, Meat Pies, Meat Products (Open Pack), Sausages.*

## PLUMMER, T. J.

47, Somerville Street, Burntisland, Fife, KY3 9DG.
*T.A.:* "Squash, Burntisland." *Tel. Burntisland* 2249

*Proprietor:* Thomas J. Plummer.

ASSOCIATED COMPANY: *Sokool Ltd.*

BRAND NAMES: *Plummers, Sunlady.*

PRODUCT: *Soft Drinks.*

## POLLARDS CONFECTIONS LTD.

Brunel Road, Industrial Estate, Newton Abbot, Devon, TQ12 4PF.
*Tel. Newton Abbot* 2442

*Managing Director:* D. H. Pollard. *Directors:* E. C. Pollard, K. J. Pollard, D. C. Pollard.

SUBSIDIARY COMPANY: *James Marshall (Devon) Ltd.*

ASSOCIATED COMPANIES: *West Countree Confectionery Co. Ltd., Martins Dairies (Looe) Ltd.*

PRODUCTS: *Chocolates, Ice Cream, Ice Lollies, Lemonade Powder, Sweets (Boiled Sugar), Sweets (General).*

## POLLASTRA PACKERS LTD.

Magdalen Street, Eye, Suffolk. *Tel. Eye* 661
*Telex:* 987737 (Pollastra Eye)

*Chairman:* C. W. C. Green, M.A. (Cantab.). *Directors:* T. L. V. Brown, Lt.-Col. D. H. Mudie, R. G. L. Taylor, M.A. (*Secretary*), W. D. Beecroft. *Administration Director:* D. E. Rewcastle. *General Manager:* G. Old. *Factory Manager:* F. Judge. *Sales Director:* F. G. Woodbridge. *Sales Manager:* J. H. Parry. *Chemist:* D. Williams. *Buyer:* Roy Sharp.

PARENT COMPANY: *Pollastra Holdings Ltd.*

BRAND NAMES: *Pollastra, Suffolk Sovereign, Eyedale Chicken, Golden Sovereign Guinea Fowl.*

PRODUCTS: *Poultry (quick frozen), Prepared Meals (quick frozen).*

## PORK FARMS LTD.

Queens Drive Nottingham, NG2 1LU. *Tel. Nottm.* 866541

*President:* Frank Samworth. *Chairman and Managing Director:* David Chetwode Samworth. *Directors:* Frank Chetwode Samworth, John Chetwode Samworth, Thomas Kenneth Parr, J.P., Ernest Robert Gunner, Eric L. Bumstead. *Secretary:* Thomas George Wilkinson Makings, F.C.I.S.

BRAND NAMES: *Pork Farms, Carr's Holland's, Simple Simon, Letchworth, Honeydew, Plumtree, Baron.*

PRODUCTS: *Ham, Meat Pies, Meat Products (open pack), Sausages.*

## PREMIER PICKLE CO. LTD.

28, Ramsgate Street, London, E.8. *T.A.:* "Jokat London."
*Tel.* 01-254 8212

*Directors:* J. Kat, G. Kat. *Secretary:* D. L. Wiggett.

BRAND NAMES: *Sheik (Non-Brewed Condiment and Sweet Pickle), Hambrooks (Pickles and Sauces).*

PRODUCTS: *Condiment, Pickles, Sauces.*

## PREMIER POULTRY PACKERS LTD.

Fir Street, Heywood, near Manchester. *T.A.:* "Purejoy, Manchester 8."
*Tel. Heywood* 60332

*Chairman and Managing Director:* J. Mendleson. *Directors:* R. Mendleson, N. Lee. *Secretary:* R. Mendleson. *Production Manager:* V. Hill. *Factory Manager:* A. Abrams. *Sales Manager:* M. Parkins. *Engineer:* A. Ismail. *Buyer:* A. Abrams.

BRAND NAMES: *Chickjoy, Fiesta.*

PRODUCT: *Quick Frozen Poultry.*

## PRICE & CO. (BAKERS) LTD.

Chaucer Road, Forest Gate, London, E.7. *Tel.* 01-472 9881

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## PRICE BROS. (BAKERS) LTD.

Parrott Street, Clayton, Manchester, M11 4GP. *Tel.* 061-223 2431

*Chairman and Managing Director:* G. D. A. Price. *Directors:* R. D. Price, P. M. Price, B. E. J. Price, P. G. E. Price. *Secretary:* C. A. Jones, F.C.A.

PRODUCTS: *Bread, Cakes.*

## PRICES EASTLEIGH LTD.

Leigh Road, Eastleigh, Hants. *T.A.:* "Cake, Eastleigh." *Tel. Eastleigh* 4821

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

BRAND NAME: *Mothers Pride.*

PRODUCTS: *Bread, Cakes.*

## PRIMECUT FOODS LTD.

Windmill Avenue, Kettering, Northants, NN16 0TQ.
*T.A.:* "Primecut Kett Telex."
*Tel. Kettering* 4981. *Telex:* 341130.

*Chairman:* W. B. Wright. *Managing Director:* B. R. K. Wright. *Directors:* D. M. Wright, J. E. Wright, William B. Wright (*Marketing*). *Secretary:* J. E. Wright. *Production Manager:* D. C. Wilkins. *Sales Manager:* C. G. Abbott. *Engineer:* E. Legge. *Technical Manager:* S. Thompson. *Buyer:* G. Northern.

BRAND NAMES: *Primecut, Primefood.*

PRODUCTS: *Meat* (*Quick frozen*), *Meat Products* (*Quick frozen*), *Meat Pies, Meat Products* (*Open Pack*), *Pastes* (*Meat*), *Pastry* (*Quick frozen-puff*), *Prepared Meals* (*Quick Frozen*), *Sausages. Sausages* (*Quick Frozen*).

## PRITCHITT, L. E., & CO. LTD.

262, Uxbridge Road, Hatch End, Middx., HA5 4SD.
*Tel.* 01-428 2334. *Telex:* 262793

OTHER FACTORIES: *Comelle House, Blackhorse Road, London, S.E.*8. *Tel.* 01-692 4685, 46, *Belfast Road, Newtownards, Co. Down, Northern Ireland. Tel.* 024-781 2341.

*Managing Director:* R. W. Lawes. *Directors:* J. B. Lawes, W. G. West, J. E. Ogden. *Secretary:* H. W. Sage. *Production Manager:* C. P. Kaiser. *Factory Manager:* R. Belch. *Sales Marketing Manager:* C. J. Neville. *Engineer:* P. Dutton. *Chemist:* J. N. Magill. *Buyer:* R. Alexander.

BRAND NAMES: *Comelle, Millac, Quikchoc, Quikkreem, Roselle.*

PRODUCTS: *Chocolate* (*Drinking*), *Coffee Creamer* (*non-dairy*), *Cream* (*imitation*), *Cream* (*Long Life*), *Custard and Blancmange Powder, Dessert Mixes, Dessert Topping Mix, Ice Cream Powder, Milk Powder.*

## PRODUCERS BACON CO. (COLLIN GLEN) LTD.

Suffolk, Belfast, BT11 9PN, Northern Ireland. *T.A.:* " Collinglen Belfast."
*Tel. Belfast* 612211. *Telex:* 74646

*Chairman:* R. W. Hamilton, F.C.I.S. *Deputy Chairman:* J. G. Clarfelt. *Managing Director:* J. B. Thompson. *Directors:* F. C. Mason, J. Cameron, C.A., *Secretary:* R. W. Baxter, A.C.M.A. *Factory Manager:* S. J. Bryson. *Sales Manager:* W. Baxter. *Engineer:* L. Collins. *Chemist:* R. Bennett. *Buyer:* J. Walker.

PARENT COMPANIES: *Pigs Marketing Board* (*Northern Ireland*), *Smithfield & Zwannenburg Group Ltd.*

SUBSIDIARY COMPANY: *Purity Irish Ltd.*

BRAND NAMES: *Collin Glen, Purity Irish.*

PRODUCTS: *Bacon, Boil-in-the-bag Foods, Meat Products* (*Canned*), *Meat Products* (*Open Pack*), *Sausages.*

## PUMPHREY, W. & M., LTD.

The Sugars Mills, Thornaby, Stockton-on-Tees, Cleveland, TS17 6AJ.
*Tel. Stockton-on-Tees* 64191

BRAND NAMES: *Bridal, Banquet, Easy Icing, Rainbow, Ideal.*

PRODUCTS: *Almond Products, Lemon Curd, Preserves, Sugar.*

## PURDY CAKES LTD.

Great Yarmouth, Norfolk.
*Tel.* 0493 55361
*T.A.:* " Purdys Gt. Yarmouth."

*Chairman:* P. N. G. Edge, O.B.E., D.S.C. *Managing Director:* Eric W. Bell. *Directors:* R. A. Smith, A.C.I.S., R. A. Parker, B. Edge, F. Wilkinson.

PARENT COMPANY: *W. Purdy Ltd.*

PRODUCT: *Cakes* (*canned*).

## QUAKER OATS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II SUPPLIERS OF QUAKER PRODUCTS*

Bridge Road, Southall, Middx. *T.A.:* "Kwaker London."
*Tel.* 01-574 2388. *Telex:* 934740

OTHER FACTORY: *Sutherlands Foods Division, Sheffield.*
*Tel.* OSH2 49141.

*Chairman:* R. G. Lagden. *Managing Director:* E. J. Hayes. *Directors:* H. W. Hooper, A. S. Hart, Jr. (U.S.A.), R. D. Denison (U.S.A.), R. D. Stuart (U.S.A.), W. Fenton Guinee (U.S.A.), J. D'Arcy (U.S.A.), F. G. Earwaker, R. Jaquith (U.S.A.), P. E. Price (U.S.A.). *Sales Director:* Dennis G. Smith. *Secretary:* J. E. Pope. *Production Manager:* G. F. Kendall. *Factory Manager:* L. G. Ireland. *Engineer:* J. Holmes. *Chemist:* J. J. Holt. *Buyer:* L. H. Shrimpton.

PARENT COMPANY: *Quaker Oats Co. (U.S.A.).*

SUBSIDIARY COMPANY: *Sutherlands Foods Ltd.*

BRAND NAMES: *Oat Krunchies, Quaker, Sugar Puffs, Sutherlands.*

PRODUCTS: *Breakfast Cereals, Macaroni and Spaghetti Products, Oatmeal, Oats (rolled), Sandwich Spreads.*

## QUANTOCK PRESERVING CO. LTD.

Wembdon Road, Bridgwater, Somerset. *T.A.:* "Purity Bridgwater."
*Tel. Bridgwater* 8151

*Chairman:* R. C. Robertson. *Managing Director:* M. R. Chamberlin. *Directors:* P. Chamberlin, N. A. Robertson. *Secretary:* C. Studley. *Production and Factory Manager:* T. F. S. Davis. *Sales Manager:* P. Chamberlin. *Engineer:* L. W. Pascoe. *Chemist:* K. Pashley. *Buyer:* J. Squibbs.

PARENT COMPANY: *Robertson Foods Ltd.*

ASSOCIATED COMPANIES: *James Robertson & Sons Preserve Manufacturers Ltd., Viota Foods Ltd., British Canners Ltd., Robertson Foods International Ltd., Peny. S.A. France.*

PRODUCTS: *Instant Pie Fillings, Mincemeat, Peel, Preserves.*

## RHM BAKERIES LTD.

RHM Centre, P.O. Box 551, 152, Grosvenor Road, London, SW1V 3JL.
*Tel.* 01-828 5656

*Managing Director:* Ernest Tomlinson, A.C.W.A. *Directors:* Gordon Bertram Brookes, Roy Fethney Lister, Stanley Walter Wright, Joel Gerald Rose, Roger Denis Nurse. *Secretary:* David Larmar, A.C.I.S.

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

BRAND NAMES: *Mothers Pride, Nimble, Mr. Kipling.*

PRODUCTS: *Bread, Cakes.*

## RHM BAKERIES (WALES) LTD.

Foundry Place, Porth, Glam. *Tel. Porth* 612227

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

SUBSIDIARY COMPANIES: *Hopkin Morgan Bakeries Ltd., United Welsh Bakeries Ltd.*

PRODUCTS: *Bread, Cakes.*

## RHM FLOUR MILLS LTD.

RHM Centre, P.O. Box 551, 152, Grosvenor Road, London, SW1V 3JL.
*Tel.* 01-828 5656

*Chairman:* Joseph Rank. *Managing Director:* S. G. Metcalfe. *Directors:* N. B. Harwood, R. C. Loombe, P. A. Metaxa, D. W. Nutting, T. S. Howden, G. Wisden. *Secretary:* H. W. Roberts.

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Flour, Flour (Self-Raising).*

## RHM FOODS LIMITED

10, Victoria Road, London, NW10 6NU. *Tel.* 01-965 6565
*Telex:* 24202

FACTORIES: *Birling Road, Ashford, Kent. Tel. Ashford* 23411. 41, *London Road, Boston, Lincs. Tel. Boston* 2481. *Uthrogle Mills, Cupar, Fife. Tel. Cupar* 2351. *P.O. Box* 23, *Greatham, Hartlepool, Co. Durham, TS25 2HD. Tel. Hartlepool* 2151. *Booth Lane, Middlewich, Cheshire, CW10 0HD. Tel. Middlewich* 2561. *Altrincham Road, Wythenshawe, Manchester, M22 7AH. Tel. Manchester, Wythenshawe* 2272. *Junction Mills, Andover, Hants. Tel. Andover* 2167. *Queens Road, Ashton-under-Lyne, Lancs. Tel. Manchester, Ashton-under-Lyne* 1881. *Hinton Way, Great Shelford, Cambs., CB2 5AX. Tel. Shelford* 2381. *Millwall Docks, London, E14 9TQ. Tel.* 01-987 5050. *Bath Lane, Newcastle-upon-Tyne, NE4 5TP. Tel. Newcastle-upon-Tyne* 26554. *Daybrook, Nottingham, NG5 6AG. Tel. Nottingham* 267267. *Dublin Industrial Estate, Glasnevin, Dublin* 11. *Tel. Dublin* 305774.

*Directors:* J. R. Richardson, R. G. Rogerson (*Chief Executive*), J. M. Semple, R. Beckham (*Distribution*), P. Coker (*Financial*), R. F. J. Diplock (*Sales*), J. M. Jerram (*Marketing*), M. G. Patterson (*Production*), P. G. Roberts. *Secretary:* P. J. Ridley.

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

BRAND NAMES: *Bisto, Cerebos, Saxa, Sifta, Stag, McDougalls, Be-Ro, Country Life, Energen, Paxo, Norfolk, Quorn, Scott's, Piper, Atora, Brand's, Chesswood.*

PRODUCTS: *Gravymakers, Salt, Flour, Flour (self-raising), Breakfast Cereals, crispbread, Rolls (all starch reduced), Dietetic Food, Preserves (low sugar), stuffings; Sauce Mixes, Bread Crumbs, Pepper, Porage Oats, Suet (shredded), pastes (Fish), Pastes (Meat), Sandwich Spreads, Essence of Beef, Essence of chicken, Chutney, Sauces, Soups (canned), Vegetables (canned), Mushrooms canned), Curries (canned), Dried Peas, Pastry Mix.*

## RAGUS SUGARS

193, Bedford Avenue, Trading Estate, Slough, SL1 4RT. *Tel. Slough* 20712
*T.A.:* "Ragusugar-Slough." *Telex:* 847807 *Ragus Slough*

*Chairman:* Ronald D. Eastick. *Managing Director:* Barrington R. Eastick. *Secretary:* J. Davey. *Factory Manager:* N. Reading. *Sales Manager:* D. Murtagh. *Engineer:* E. Potter.

ASSOCIATED COMPANIES: *Ragus Sugars (Sales) Ltd., Ragus Sugars (Manufacturing) Ltd.*

BRAND NAMES: *Ragus, Golden Shower.*

PRODUCTS: *Fruit Syrups, Honey, Sugar, Syrup, Treacle.*

## RAINE'S DAIRY PRODUCTS

15/21, Northwold Road, London, N.16. *Tel.* 01-249 1551

OTHER DEPOTS: 7, *Stanley Street, Manchester.* 8. *Tel.* 061-834 2562. *Station Road, Coleshill. Tel.* 0675 63494.

*Chairman and Managing Director:* I. Raine. *Directors:* H. Raine, M. Raine, R. Raine, L. Y. Raine. *Secretary:* L. Y. Raine. *Production Manager:* N. Raine. *Sales Director:* K. B. Evans. *Chemist:* J. Jones.

ASSOCIATED COMPANY: *Basildon Milk Products.*

BRAND NAME: *Alpine.*

PRODUCTS: *Cheese (Lactic), Milk Foods, Yogurt.*

## RAKUSEN, LLOYD, & SONS LTD.

Meanwood Road, Leeds, LS7 2AE. *T.A.:* " Kosher Leeds."
*Tel. Leeds* 35451

*Chairman:* R. Minton. *Directors:* B. M. Kaye, E. Rakusen, A. Rakusen, G. Clark (*Works Director*), N. Ellis, E. Malkin, G. Statman, M. Sack, C. Burton, M. Smithies (*Chemist*), W. Dunk (*Accounts Director*), J. H. Beanland (*Secretary*).

BRAND NAMES: *Frum, Rakusens, Goldana, Fry-O-Lets, Sausax, Slimms.*

PRODUCTS: *Biscuits, Bread Crumbs, Curry Powder, Edible Oil, Macaroni Products, Salt, Sauces, Sauce (Tartare), Semolina, Spices, Stuffing.*

## RANKS HOVIS McDOUGALL LIMITED

RHM Centre, P.O. Box 551, 152, Grosvenor Road, London SW1V 3JL.
*Tel.* 01-828 5656. *Telex:* 919276

*Chairman:* Joseph Rank. *Managing Director:* P. W. J. Reynolds. *Directors:* A. B. Askew, J. E. H. Collins, M.B.E., D.S.C., P. N. Grice, J. D. Hutchison, C.B.E., M.C., T.D., W. M. Impey, D. W. Nutting, J. R. Richardson, Lord Rootes, J. M. Semple, Rt. Hon. Lord Shawcross, G.B.E., P.C., Q.C. *Secretary:* B. B. Mill, D.F.C., F.C.A.

SUBSIDIARY COMPANIES: Bakery: *RHM Bakeries Ltd., Beatties Bakeries Ltd., W. J. Brookes & Sons Ltd., H. L. Groom & Son Ltd., Hales Bread Bakery (West Drayton) Ltd., Hill, Palmer & Edwards Ltd., Inglis & Co. Ltd., Manor Bakeries Ltd., Price & Co. (Bakers) Ltd., RHM Bakeries (Wales) Ltd., Uglow's Bakeries Ltd., A. D. Wimbush & Son Ltd.* Flour Milling: *RHM Flour Mills Ltd., Hovis Ltd.* Grocery: *RHM Foods Ltd., J. A. Sharwood & Co. Ltd.* Other U.K. Food Trade Interests: *Dairy Produce Packers Ltd., McDougalls Catering Foods Ltd., W. Melhuish Ltd., Pasta Foods (Holdings) Ltd., RHM Ingredient Supplies Ltd., Wm. Stewart & Arnold Ltd.*

## RAWLINGS, H. D., LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MINERAL WATER MANUFACTURERS*

*(See R. White & Sons Ltd.)*

## RAYNER & CO. LTD.

Commercial Road, London, N18 1TR.
*T.A.:* " Ayneresser, Norphone, London." *Tel.* 01-807 3080
*Telex:* 265828

*Chairman:* L. H. Stockwell. *Directors:* E. H. Nankivell, K. J. Stockwell, R. D. Hembrow. *Secretary:* R. J. Ashby, A.C.A. *Sales Manager:* R. D. Hembrow. *Chief Chemist:* G. Brignull, M.Sc.

SUBSIDIARY COMPANIES: *John Burgess & Son Ltd., A. B. Marshall Ltd., Mrs. Batchelor Ltd., Supreme Manufacturing Co. (London) Ltd., Goodwin Tidswell* (1968) *Ltd., Rayner Burgess Ltd., Rayner Essence Group Ltd.*

BRAND NAMES: *Crusha, Jean Rochelle, Mrs. Batchelor, Goodfare.*

PRODUCTS: *Beverages, Cherries (Cocktail), Cocktail Sundries, Edible Oil Essences, Colourings and Flavours, Fruit Juices, Gravy Browning, Olives, Pickles, Salad Cream, Sauces, Soft Drinks.*

## READ WOODROW LTD.

P.O. Box 9, City Flour Mills, King Street, Norwich, NOR 94A.
*T.A.:* " Read Telex Norwich." *Tel. Norwich* 29981

*Chairman and Managing Director:* Bryan C. Read. *Directors:* S. W. Sheldon, T. F. G. Carter, John R. Woodrow, A. C. M. Longson. *Secretary:* B. L. Mondin, A.C.A. *Production Director:* A. C. M. Longson. *Flour Sales Director:* John R. Woodrow. *Chemist:* C. Dunderdale. *Buyer:* T. F. G. Carter.

PARENT COMPANY: *R. J. Read (Holdings) Ltd.*

ASSOCIATED COMPANIES: *John Lee Barber Ltd., John Lee Bennet Ltd.*

BRAND NAMES: *Read's Self-Raising Flour, Tower Self-Raising Flour.*

PRODUCTS: *Flour, Flour (Self-Raising).*

## REA'S CREAMY ICES LTD.

Farm Factory, Brambles Farm Estate, Middlesbrough.
*Tel. Middlesbrough* 47746

*Managing Director:* C. Rea. *Directors:* Mrs. T. Rea, Mrs. W. K. Rea. *Secretary:* M. P. MacCormack. *Engineer:* D. Saunders.

ASSOCIATED COMPANIES: *Rea's (Saltburn) Ltd., Mr Really Good Thornaby Ltd.*

PRODUCTS: *Ice Cream, Ice Lollies.*

## RECKITT & COLMAN FOOD DIVISION

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MANUFACTURERS OF MUSTARD AND SAUCES*

*See Colman Foods*

## REDHEAD & CO. LTD.

Star Works, 41/43 Maddison Street, Blyth, Northumberland. *Tel. Blyth* 3192

*Chairman and Managing Director:* W. E. Guest, F.R.C.S. *Director:* F. G. Bradley. *Secretary:* R. Lindsay Elliott, F.C.A. *Production Manager:* F. G. Bradley. *Factory Manager:* G. Robinson. *Sales Manager:* M. Dawson. *Engineer:* A. Cunningham. *Buyer:* M. Dawson.

SUBSIDIARY COMPANY: *Star Confections Ltd.*

BRAND NAME: *All Blacks Pure Mint Sweet.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (General), Sweets (Toffees)*

## REECE, S., & SONS LTD.

5, Hawke Street, Liverpool, L3 5LE. *Tel.* 051-709 5541

*Chairman and Managing Director:* B. A. Stapleton. *Assistant Managing Director:* W. G. Todd. *Director:* P. W. Lacey. *Secretary:* F. N. Cooper.

PARENT COMPANY: *Lewis's Investment Trust Ltd. (Sears Holdings Group).*

PRODUCTS: *Ice Cream, Flour Confectionery (quick frozen), Meat Products (quick frozen).*

## RENSHAW, JOHN F., & CO. LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II PURVEYORS OF ALMOND PRODUCTS*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER PURVEYORS OF ALMOND PRODUCTS*

Locks Lane, Mitcham, Surrey, CR4 2XE. *T.A.:* "Jorenco Mitcham." *Tel.* 01-648 3005

*Chairman:* Alick J. Renshaw, D.S.O., M.C. *Managing Director:* R. Mackay. *Directors:* J. S. Childs, Mrs. M. I. Renshaw, D. B. Thomson, J. H. Renshaw, P. J. Renshaw. *Secretary:* D. B. Thomson. *Sales Director:* J. S. Childs.

SUBSIDIARY COMPANIES: *Pixon Food Products Ltd., Crome & Mitchell Ltd.*

PRODUCTS: *Almond Products, Ginger in syrup, Nuts (pre-packed), Peanut Products.*

## RIDGWAYS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II TEA MERCHANTS*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER TEA AND COFFEE MERCHANTS*

290/314, Old Street, London, E.C.1. *T.A.:* " Ridgways, London, E.C.1." *Tel.* 01-739 8244

*Chairman:* R. E. Culverhouse. *Joint Managing Directors:* N. K. Maitland, L. A. Stewart. *Directors:* F. E. Hawkins, J. A. Newman, L. A. Woodburn, F.C.A. *Secretary:* E. J. Agates, F.C.A. *Production Manager:* J. W. Hyman.

PARENT COMPANY: *International Stores Ltd.*

SUBSIDIARY COMPANY: *C.C.C. Ltd.*

BRAND NAMES: *Ridgways, Her Majesty's Blend.*

PRODUCTS: *Coffee, Coffee (Instant), Tea.*

## RILEY'S POTATO CRISPS LTD.

Colin Road, Scunthorpe, South Humberside. *Tel. Scunthorpe* 65747

*Chairman:* D. P. Riley. *Managing Director:* A. W. Riley. *Director:* R. J. Curgenven.

SUBSIDIARY COMPANY: *Sooner Foods Ltd.*

BRAND NAMES: *Murphy, Riley's.*

PRODUCTS: *Nuts (pre-packed), Potato Crisps, Snack products.*

## RINGTONS LTD.

Algernon Road, Newcastle upon Tyne, NE6 2YN. *T.A.:* " Ringtons Phone Telex 53120." *Telex:* 53120. *Tel. Newcastle upon Tyne* 656181

OTHER FACTORY: *Lady Pit Lane, Leeds LS11 9AT. Tel. Leeds* 75151.

*Chairman:* Douglas Smith, F.C.A. *Managing Director:* J. M. Smith. *Directors:* P. J. Else, J. M. S. Coates, O.B.E., F.C.A., S. Johnson (*Associate*). J. Rutherford, A.C.I.S. (*Secretary*). *Factory Manager:* L. Lewens.

BRAND NAME: *Ringtons.*

PRODUCTS: *Coffee, Coffee (Instant), Tea.*

## ROBERTS & BIRCH LTD.

76, Mosley Street, Burton-on-Trent. *T.A.:* " Robirch, Burton-on-Trent." *Tel. Burton-on-Trent* 61661

OTHER FACTORIES: *Mill Street, Evesham. Tel. Evesham* 2594. 276, Coventry Road, Small Heath, Birmingham. *Tel.* 021-772 2201,

*Chairman:* E. T. Beer, C.B.E. *Managing Director:* G. J. Robins. *Secretary:* C. Brockington, F.C.A., F.C.I.S. *Sales Director:* J. A. Fleet.

PARENT COMPANY: *Fitch Lovell Ltd.*

BRAND NAME: *Robirch.*

PRODUCTS: *Bacon, Ham, Meat Pies, Meat Products (Open Pack), Sausages.*

## ROBERTS & SONS (CURERS) LTD.

Dinas Pork and Bacon Factory, Beach Road, Port Dinorwic, Caerns.
*Tel. Port Dinorwic* 206

*Chairman:* P. B. Lockwood. *Managing Director:* W. W. Roberts. *Directors:* K. H. Blacklock, I. Hallas, V. Gray. *Secretary:* I. Hallas. *Production Manager:* S. L. Atkins. *Sales Manager:* A. Roberts. *Buyer:* I. Thomas.
I. Thomas.

PARENT COMPANY: *Lockwoods Foods Ltd.*

PRODUCTS: *Bacon, Dripping, Ham, Lard, Meat Pies, Meat Products (Open Pack), Sausages.*

## ROBERTSON, A., & CO. LTD.

Springwells, Blantyre, Glasgow, G72 0JY. *Tel.* Blantyre 822261

*Chairman:* Ian R. Macneal, B.Sc.(Chem.), A.R.T.C. *Managing Director:* George R. McDonald. *Director:* Bryan P. Tattersall (Sales), R. Wilson Park. *Secretary:* George T. Dobbie, C.A. *Production Manager:* Alexander Hill. *Chemist:* I. R. Macneal. *Buyer:* G. R. McDonald.

BRAND NAMES: *Five Star Ginger Beer, Spring Fresh Orange, Spring Clear Lemonade, Spring Cold Cola.*

PRODUCTS: *Soft Drinks.*

## ROBERTSON FOODS LTD.

50, Burnhill Road, Beckenham, Kent, BR3 3LA. *T.A.:* "Jasrob London."
*Tel.* 01-658 3661. *Telex:* 946677

*Hon. President:* C. J. Robertson. *Chairman:* R. C. Robertson. *Managing Director:* N. A. Robertson. *Directors:* M. R. Chamberlin, R. Pollak, G. Cunliffe, F.C.A. (*Secretary*).

SUBSIDIARY COMPANIES: *British Canners Ltd., Quantock Preserving Co. Ltd., Robertson Foods International Ltd., James Robertson & Sons Preserve Manufacturers Ltd., Viota Foods Ltd., Peny, S.A. (France).*

## ROBERTSON, JAMES, & SONS PRESERVE MANUFACTURERS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MARMALADE MANUFACTURERS*

50, Burnhill Road, Beckenham, Kent, BR3 3LA. *T.A.:* "Jasrob London."
*Tel.* 01-658 3661. *Telex:* 946677.

OTHER FACTORIES: *Golden Shred Works, Droylsden, Manchester. Tel.* 061-370 6321. *Golden Shred Works, Brislington. Bristol,* 4. *Tel.* 0272 772401.

*Chairman:* R. C. Robertson. *Managing Director:* J. McDonald. *Directors:* D. J. Briffett, J. M. Bradbury, P. Prestt, M. L. Leach. *Secretary:* J. M. Bradbury, A.C.A.

PARENT COMPANY: *Robertson Foods Ltd.*

ASSOCIATE COMPANIES: *British Canners Ltd., Quantock Preserving Co. Ltd., Robertson Foods International Ltd., Viota Foods Ltd., Peny S.A. (France).*

BRAND NAMES: *Golden Shred, Silver Shred, Golliberry, Gollicrush.*

PRODUCTS: *Fruit Fillings, Lemon Curd, Mincemeat, Preserves, Soft Drinks.*

## ROBERTSON, WILLIAM, & SONS

Belmont Factory, Gorgie Road, Edinburgh, EH11 2RS. *Tel.* 031-337 2281

PRODUCTS: *Meat Pies, Meat Products (Open Pack), Sausages.*

## ROBINSON, A. T., LTD.

1, Beresford Street, Belfast, 13, N. Ireland. *Tel. Belfast* 27115

*Chairman:* A. T. Robinson, Senr. *Directors:* R. W. Wilson, A. T. Robinson Junr., R. G. McCadden. *Secretary:* R. G. McCadden. *Production Manager:* R. Rourke. *Factory Manager:* H. Fleming.

BRAND NAME: *Limit.*

PRODUCTS: *Dripping, Lard.*

## ROGERSON & BLACK LTD.

St. Cuthbert Place, Kirkcudbright. *Tel. Kirkcudbright* 575

*Chairman:* D. G. McDonald. *Director:* G. Wilkie. *Secretary:* J. N. Dowson.

PARENT COMPANY: *Lovell & Christmas (Scotland) Ltd. (Fitch Lovell Group).*

PRODUCTS: *Bacon, Sausages.*

## ROMARY, A., & CO. LTD.

61, Wigginton Road, York, YO1 1XY. *Tel.* 0904 53071. *Telex:* 77450

*Chairman:* Wm. S. Porteous. *Directors:* J. H. Gray, P. A. Hewitt. *Secretary:* T. Copley.

PARENT COMPANY: *Rowntree Mackintosh Ltd.*

BRAND NAMES: *Romary's, Tunbridge Wells.*

PRODUCT: *Biscuits.*

## ROMIX FOODS LTD.

Bright Street, Leigh, Lancs. *Tel:* 052 35 4236

BRAND NAME: *Granny Smith.*

PRODUCTS: *Cake mixes, Pastry mix, Suet Dumpling mix.*

## ROSALIND FOODS LTD.

Riverside Road, Gorleston, Gt. Yarmouth.
*Tel.* 0493 63151. *Telex:* 975339

*Chairman:* K. G. Butcher. *Managing Director:* J. C. O'Brien. *Directors:* R. M. W. Walding, G. D. W. Woodcock (*Financial*), P. J. Lowman (*Production*), C. Burnage. *Secretary:* R. J. Cornish. *Factory Manager:* L. J. Leggett. *Sales/Marketing Manager:* G. Topping. *Engineer:* M. Tex. *Chemist:* D. Cole.

PARENT COMPANY: *TKM Foods Ltd.*

ASSOCIATED COMPANIES: *Goldhanger Fruit Farms Ltd., Anderson & Coltman Ltd., Masterpiece Foods Ltd.*

BRAND NAME: *Rosalind.*

PRODUCTS: *Beetroots (processed), Fish (canned), Fruit (canned), Meat Products (canned), Mushrooms (canned), Salad Cream, Vegetable Salads (canned), Vegetables (canned),*

## ROSE, L., & CO. LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II SUPPLIERS OF LIME JUICE CORDIAL*

Grosvenor Road, St. Albans, Herts. *Tel.* 01-262 1212

*President:* L. Rose. *Chairman:* B. E. S. Collins. *Deputy Chairman:* J. Forbes. *Managing Director:* W. Price-Davies. *Directors:* D. McL. Baynes, B. Clayman, W. F. Lewis, E. J. Mudge, H. J. M. Blakeney, C. Thompsett. *Secretary:* J. Nimmo.

SUBSIDIARY COMPANY: *Consol Fruit Products Ltd.*

PRODUCTS: *Fruit Juices, Soft Drinks, Preserves (Marmalade).*

*A member of the Cadbury Schweppes Group.*

## ROSS FOODS LTD.

Ross House, Grimsby, Lincs. *T.A.:* " Ross Foods, Grimsby."
***Tel. Grimsby*** **59111** ***Telex:*** **52182.**

*Chairman and Managing Director:* B. R. Cookson. *Directors:* A. G. R. Amos, J. J. Amos, D. L. Dukes (*Financial*), E. L. Fermor (*Distribution*), F. A. Flear (*Production*), H. G. Phillips (*Marketing*), G. B. Standaloft (*Commercial*), M. J. Newman (*Technical*), H. A. Cooper (*Personnel*). *Secretary:* D. J. Councell.

PARENT COMPANY: *Imperial Foods Ltd.*

SUBSIDIARY COMPANIES: *Rossfish Ltd., Alfred E. Jones Ltd., Leanstock Ltd.*

BRAND NAMES: *Ross, Tudor Dairies.*

PRODUCTS: *Ice Cream, Desserts* (*quick frozen*), *Flour Confectionery* (*quick frozen*), *Fish (quick frozen), Fruit* (*quick frozen*), *Meat* (*quick frozen*), *Mousse, Potato Products* (*quick frozen*), *Vegetables* (*quick frozen*).

## ROSS, JAMES, & SON (EDINBURGH) LTD.

27, Roseburn Street, Murrayfield, Edinburgh, EH12 5PQ.
*T.A.:* "Ross Edinburgh 12." *Tel.* 031-337 7247

*Chairman and Managing Director:* James Ross. *Directors:* Mrs. Katharine M. Tweedie, Mrs. E. W. Ross. *Secretary:* Mrs. K. M. Tweedie. *Factory Manager:* R. Thomson.

PRODUCTS: *Sweets* (*Boiled Sugar*), *Sweets* (*General*).

## ROSS, JAMES, & SON (NEWCASTLE) LTD.

The Preserving Works, Newburn Industrial Estate, Newcastle upon Tyne, 5.
*T.A.:* " Pickle Newcastle Tyne." *Tel. Newcastle upon Tyne* 37223 *and* 30096

*Chairman:* D. G. C. Ross. *Managing Director:* J. R. Ross. *Directors:* E. E. Ross, Gordon Ross, T. R. Ross. *Secretary:* D. G. C. Ross. *Production Manager:* James R. Ross. *Factory Manager:* T. R. Ross. *Sales Manager:* Gordon Ross. *Engineer:* John Sargett. *Chemist:* James R. Ross. *Buyer:* Gordon Ross.

BRAND NAMES: *Ross's Pickles, Vinross Vinegar and Condiment.*

PRODUCTS: *Condiment, Pickles, Preserves, Vinegar.*

## ROSSFISH LTD.

Ross House, Grimsby, Lincs., DN31 3SW. *Tel. Grimsby* 59111.
*Telex:* 52387

PARENT COMPANY: *Ross Foods Ltd.*

PRODUCTS: *Fish* (*Quick Frozen*), *Fish Products* (*Quick Frozen*).

## ROSS POULTRY LTD.

Imperial House, 61–65, Rose Lane, Norwich, NR1 1PU.
*Tel. Norwich* 60901
*T.A.:* " Rosschick Norwich." *Telex:* 97155

*Chairman and Managing Director:* Lord Edward Fitzroy. *Assistant Managing Directors:* E. C. Voisey, W. S. F. Wiley. *Directors:* N. W. Simpson, A. L. P. Smith, K. Boardall, G. H. Edmunds, R. W. M'Cammond, P. B. Furness, K. R. B. Lench. *Associate Directors:* J. W. Salisbury, T. J. S. Flynn. *Secretary:* G. H. Edmunds.

PARENT COMPANY: *Imperial Foods Ltd.*

BRAND NAMES: *Buxted, Sterling.*

PRODUCTS: *Poultry* (*canned*), *Poultry* (*frozen*).

## ROTHWELLS PICKLES LTD.

Westminster Trading Estate, Cradley Road, Netherton, Dudley, Worcs.
*Tel. Cradley Heath* 65610

*Chairman and Managing Director:* H. MacMillan. *Director:* W. Robertson. *Associate Directors:* S. Urquhart, J. W. Power. *Secretary:* W. Robertson.

PRODUCTS: *Pickles, Sauces, Vinegar, Beetroots (processed).*

## ROWALLAN CREAMERY LTD.

Glasgow Road, Kilmarnock, Ayrshire, KA3 6AA.
*T.A.:* "Cream Kilmarnock" *Tel. Kilmarnock* 26442

*Directors:* Simon McLean, Dr. A. E. Wright, D. C. Forgie.

PARENT COMPANY: *Food Securities Ltd. (Weston Group).*

BRAND NAMES: *Sunbrite Margarine, Eros Margarine, Maida Margarine, Spire Pastry Margarine, Kingcup Cake Margarine, Fulofat Compound, Velda Cooking Fat.*

PRODUCTS: *Cake Mixes, Cooking Fat, Margarine.*

## ROWATS FOODS LTD.

Kelvin Avenue, Hillington, Glasgow, G52 4LQ.
*T.A.:* "Pickles Glasgow." *Tel.* 041-882 3341. *Telex:* 779024

*Managing Director:* H. Macmillan. *Directors:* G. M. Macmillan, W. G. Scott. *Associate Directors:* Miss S. Urquhart, J. W. Power. *Secretary:* W. Robertson. *Chemist:* A. Smith, B.Sc.

PRODUCTS: *Condiment, Pickles, Sauces, Vinegar, Beetroots (processed).*

## ROWNTREE & CO. LTD.

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER MAKERS OF TABLE JELLIES.*

*(see Rowntree Mackintosh Ltd.)*

## ROWNTREE MACKINTOSH LTD.

York, YO1 1XY.
*T.A.:* " Rowntree, York."
*Tel.* 0904 53071. *Telex:* 57846

*Chairman:* Sir Donald Barron. *Deputy Chairman:* A. Norton. *Directors:* S. A Free, O.B.E., K. Haslinger, W. S. Porteous, D. Cramb, J. Nutter, I. Mackintosh, J. F. Main, K. H. M. Dixon, J. L. Mackinlay, A. C. G. Ponsonby, T. Copley (*Secretary*).

SUBSIDIARY COMPANIES: *Gray, Dunn & Co. Ltd., N.M.U. Transport Ltd., Creamola Foods Products Ltd., Sun-Pat Products Ltd., Maconochie Bros. (Hadfield) Ltd.. Stewart, Esplen & Greenhough Ltd., Anglo Confectionery Ltd., Joseph Bellamy & Sons Ltd., Hill Biscuits Ltd., Fox's Glacier Mints Ltd., John Mackintosh & Sons Ltd., Rowntree & Co. Ltd.*

BRAND NAMES: *Aero, After Eight, Black Magic, Dairy Box, Kit Kat, Polo, Smarties, Rowntree's Jellytots, Beech Nut, Blue Riband, Hampden Wafers, Joy, Ginger Crunch, Rich Abernethy, Sun-Pat, Pan Yan, Golden Toffee, Golden Cup, Good News, Maxmint, Tooty Frooties, Matchmakers, Quality Street, Reward, Rolo, Toffo, Week-End, Hazel Cup, Munchies, Caramac, Mintola, Delights.*

PRODUCTS: *Biscuits, Biscuits (Wafer), Cake Mixes, Cheese Spread, Chewing Gum, Chocolate (drinking), Chocolates, Chocolates (liquer), Cocoa, Custard and Blancmange Powder, Dessert Mixes, Ice Cream Powder, Jellies (Table), Lemonade, etc. Powder, Nut foods, Nuts (pre-packed), Peanut Products, Peanuts (Salted), Pickles, Pudding Mixes, Sauces, Snack products, Sweets (Boiled Sugar), Sweets (General), Sweets (Liquorice), Sweets (Toffees).*

## ROYAL ARSENAL CO-OPERATIVE SOCIETY LTD.

147, Powis Street, London, SE18 6JN. *Tel.* 01-854 2000

FACTORIES: *Bakeries: The Driftway, Streatham Road, Mitcham. Tel.* 01-648 3443. *Endwell Road, S.E.4. Dairy: The Driftway, Streatham Road, Mitcham. Tel.* 01-648 3443.

*Chairman:* G. N. Bennett, J.P. *Chief Executive Officer:* J. H. Walker, O.B.E. *Secretary:* R. A. Roffey, C.S.D. *Controller, Foods:* L. G. Brand, M.M.G.I. *Bakery Manager:* A. Wilkinson. *Dairy Manager:* D. J. Darlington. *Senior Buyer, Grocery and Provisions:* C. H. Vickers. *Meat and Poultry Manager and Buyer:* C. C. Button.

PRODUCTS: *Bread, Cakes.*

## RYVITA CO. LTD.

*BY APPOINTMENT TO THE LATE KING GEORGE VI*
*RYVITA MANUFACTURERS*

Old Wareham Road, Parkstone, Poole, Dorset, BH17 7NW.
*Tel. Parkstone* 743090

*Directors:* W. Garfield Weston, G. H. Weston, N. V. Drew, M. Butler, A. G. Willoughby-Paul, S. W. Fryett.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

BRAND NAME: *Ryvita.*

PRODUCT: *Crispbread.*

## S.F.B. CO. LTD.

Oulton Broad, Suffolk. *Tel. Lowestoft* 4117

*Managing Director:* F. C. Woolger. *Directors:* R. W. Austin, P. E. Dyer. *Secretary:* J. H. Somers.

PARENT COMPANY: *Midland Cattle Products Ltd.*

PRODUCTS: *Cooking Fat, Dripping, Edible Oil.*

## ST. EDMUNDS BACON FACTORY LTD.

Elmswell, Bury St. Edmunds, Suffolk, IP30 9HF. *T.A.:* "Bacon, Elmswell".
*Tel. Elmswell* 40521

*Chairman:* W. F. Johnston, J.P. *Managing Director:* K. C. Crook. *General Manager:* H. J. N. Freeman. *Sales Manager:* C. Baker. *Secretary:* G. W. Cousins. *Engineer:* V. Pizzy. *Chemist:* J. McIntosh. *Buyer:* G. Tapp.

BRAND NAME: *Farm Kitchen.*

PRODUCTS: *Bacon, Sausages, Meat Pies, Meat Products (open pack), Lard.*

## ST. MARGARET WILTSHIRE BACON FACTORY LTD.

Oxford Road, Swindon, Wilts.
*T.A.:* "Bacon Factory Stratton St. Margaret."
*Tel. Stratton St. Margaret* 2721

*Managing Director:* A. E. Blackmore. *Directors:* W. B. Hooper, J. R. Chandler. *Secretary:* A. Hyne. *Factory Manager:* A. Snook. *Sales Marketing Manager:* F. S. Cox. *Engineer:* J. Shaw. *Buyer:* A. Snook.

PARENT COMPANY: *Brown & Knight Ltd.*

PRODUCTS: *Bacon, Ham, Lard, Sausages.*

## SANKEY SUGAR CO. LTD.

Winslow Road, London, W.6. *T.A.:* "Sankey." *Tel.* 01-748 6021

REFINERY: *Earlestown, Newton-le-Willows, Lancs., WA*12 8*DW*. *T.A.:* "Sankey, Earlestown." *Tel. Newton-le-Willows* 4661. *Telex:* 627093.

*Chairman and Managing Director:* D. A. Kerr. *Deputy Managing Director:* A. C. R. Howman. *Directors:* R. Fox, D. S. Martin, B. M. Teal, J. Reilly, G. O. Connelly (*Secretary*).

PARENT COMPANY: *Manbré & Garton Ltd.*

PRODUCTS: *Sugar, Syrup and Treacle.*

## SANTUS, WILLIAM, & CO. LTD.

Dorning Street, Wigan, Lancs. WN1 1HE *Tel. Wigan* 43464

*Director:* F. Winnard. *Managing Director:* J. F. Winnard. *Director:* J. Butler. *Secretary:* A. R. Fairhurst.

BRAND NAME: *Uncle Joes Mint Balls*

PRODUCT: *Sweets (Boiled Sugar).*

## SARSONS LTD.

87, South Lambeth Road, London, S.W.8. *Tel.* 01-735 8100

*Chairman and Managing Director:* G. F. Bond. *Director:* K. C. Meyrick. *Secretary:* B. A. Killick.

PARENT COMPANY: *British Vinegars Ltd.*

PRODUCT: *Vinegar.*

## SAXBY BROS. LTD.

Melton Works, Wellingborough, Northants. *Tel. Wellingborough* 76333

FACTORY: *Melton Bakery, Brook Street East, Wellingborough.*

*Chairman:* H. W. Saxby. *Managing Director:* F. G. Saxby. *Directors:* W. E. Saxby, J. W. Saxby, J. E. Saxby, A. A. Foster. *Production Manager:* F. G. Saxby. *Sales Manager:* A. F. Saxby. *Buyer:* J. W. Saxby.

BRAND NAME: *Saxbys Pies.*

PRODUCTS: *Christmas Puddings, Meat Pies, Meat Products (Open Pack), Pastry (Puff), Pastry (Short), Sausages.*

## SAYERS (CONFECTIONERS) LTD.

The Ideal Bakery, Lorenzo Drive, Liverpool L11 1BJ. *Tel.* 051-226 1291

*Chairman:* T. Sayer. *Managing Director:* J. F. Sayer. *Directors:* Mrs. L. C. Sayer, F. Sayer, K. G. Lyon, S. C. Godfrey, G. F. Harrison (*Secretary*). *Production Manager:* H. T. Buls. *Works Executive:* P. M. Macielinski. *Sales Executive:* G. B. Parker. *Engineer:* R. D. Newman. *Technical Executive:* W. Roper. *Buyer:* A. K. Jones.

SUBSIDIARY COMPANIES: *Family Bakers Ltd., Griffiths Confectioners (Chester) Ltd., Sayers (Golden Bake) Ltd.*

PRODUCTS: *Bread, Cakes.*

## SCHWARTZ SPICES LTD.

21, The Arcade, The Octagon, High Wycombe, Bucks.
*Telex:* 83506 JENKS GRP HIWYC. *Tel. High Wycombe* 34821

FACTORY: *Wenman Road, Park Industrial Estate, Thame, Oxon. Tel. Thame* 3025.

*Chairman and Managing Director:* Dennis A. Jenks. *Directors:* M. M. Adler, W. H. C. Schwartz, W. E. Schwartz, H. B. Rhude, M. D. C. Jenks. *Factory Manager:* P. Geoghegan. *Buyer:* P. Geoghegan.

PARENT COMPANY: *W. H. C. Schwartz Ltd., Halifax, Canada.*

BRAND NAME: *Schwartz.*

PRODUCTS: *Herbs, Spices.*

## SCHWEPPES LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MINERAL WATER MANUFACTURERS*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER MINERAL WATER MANUFACTURERS*

1/10, Connaught Place, London, W2 2EX. *Tel.* 01-262 1212

*Chairman:* J. T. Beasley. *Deputy Chairman:* K. Holloway. *Directors:* D. McL. Baynes, H. G. Francis, J. A. French, A. G. Hipsey, E. J. Mudge, J. C. Stagg, W. F. Lewis, D. C. Horner, D. Jinks, K. K. Marriott. *Secretary:* D. A. Simmons.

SUBSIDIARY & ASSOCIATED COMPANIES: *Rose Kia-Ora Sales Co. Ltd., Kia-Ora Ltd., Cantrell & Cochrane (Great Britian) Ltd.*

BRAND NAMES: *Cresta, Kia-Ora, Pepsi-Cola, Rose's, Schweppes, Slimline, Suncrush, Sunfresh.*

PRODUCTS: *Soft Drinks, Table Waters.*

***A member of the Cadbury Schweppes group.***

## SCOT BOWYERS LTD.

Trowbridge, Wilts. *T.A.:* "Bowyer Trowbridge." *Tel. Trowbridge* 3671

OTHER FACTORIES: *Bletchley, Bucks. Tel.* 09082 4911. *Beechwood Factory, Alexandra Road, Plymouth. Tel. Plymouth* 60192. *Hanson Road, Aintree, Liverpool,* 9. *Tel.* 051-525 5211. *Amersham Factory, London Road, Amersham. Tel.* 02403 4444. *Witney Factory, Corn Street, Witney. Tel.* 0993 3671.

*President:* H. van Vlymen. *Chairman and Managing Director:* J. L. Rogers. *Director Technical Services:* H. B. Ackroyd. *Director Finance:* J. D. Oldroyde. *Director Purchasing:* H. C. Oberst. *Director Production:* M. Milicevic. *Director Sales:* L. T. Welsford. *Director Personnel:* T. A. Hindle. *Directors:* J. van Vlymen, J. C. Wordie. *Secretary:* G. M. Harrison, F.C.I.S. *General Manager:* D. J. Ware. *Factory Manager:* M. Groves. *Sales Manager:* R. King. *Marketing Manager:* A. E. Davidson. *Engineer:* H. G. Bell. *Chemist:* D J. R. McKay.

PARENT COMPANY: *Unigate Ltd.*

SUBSIDIARY COMPANIES: *Scot Meat Products Ltd., Bowyers (Wiltshire) Ltd.*

ASSOCIATED COMPANY: *Lhuissier S.A. (France).*

BRAND NAMES: *Beechwood, Bowyers, Portiopak, Scot, Scotpak.*

PRODUCTS: *Ham Sausages, Meat Products, (Open Pack), Pies, Bacon.*

## SCOTT, R. & W., LTD.

Clydesdale Preserve Works, Carluke, Lanarkshire.
*T.A.:* "Scott Preservers Carluke." *Tel. Carluke* 70711. *Telex:* 779079

*Chairman and Joint Managing Director:* Charles L. Scott, Jnr. *Joint Managing Director:* James McGregor. *Directors:* Kenneth A. Scott, James Cathro. *Secretary:* James Megahy. *Production Manager and Factory Manager:* James Cathro. *Sales Director:* Kenneth A. Scott. *Export Manager:* John Lindsay. *Engineer:* Alex. Stewart. *Chemist:* James Cathro. *Buyer:* Charles L. Scott (Jnr.).

BRAND NAMES: *Scotchoc, Scott's.*

PRODUCTS: *Chocolate (cooking), Christmas Pudding, Diabetic Food (preserves), Fruit (canned), Honey, Lemon Curd, Mincemeat, Mint Jelly, Pickles, Preserves.*

## SCOTT, THOMAS, & SONS (BAKERS) LTD.

Sunblest Bakery, Dunnings Bridge Road, Netherton, Liverpool, L30 6TG.
*Tel.* 051-525 5959

*Directors:* W. Garfield Weston, J. H. Scott, T. H. W. Scott, J. V. Scott, P. A. V. Scott, K. L. Butler, W. Sugden.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## SCOTTISH CO-OPERATIVE WHOLESALE SOCIETY LTD.

(*See Co-operative Wholesale Society Ltd.*)

## SCOTTISH FLAVOUR & COLOUR CO. LTD.

27/29, Ratcliffe Terrace, Edinburgh, 9. *Tel.* 031-667 3611

*Chairman:* A. F. Dempster. *Managing Director:* Ian W. Brown.

BRAND NAMES: *Albfort, Albuvita, Filessa Cream, Flav-a-But, Ivrodec, Donuxo, Macarex, Marango.*

PRODUCTS: *Cake Mixes, Coffee Essences and Extracts, Cream (Imitation) Essences, Colourings and Flavours, Jellies (Table), Pudding Mixes.*

## SCOTTISH MILK MARKETING BOARD

Underwood Road, Paisley. *Tel.* 041-887 1234. *Telex:* 779012

*Chairman:* W. Young, C.B.E. *General Manager:* I. A. McAlpine.

BRAND NAMES: *Scottish Pride Butter, Cheese, Milk Powders, Galloway Cheddar Cheese, Arran Dunlop Cheese, Mauchline Dunlop Cheese.*

PRODUCTS: *Butter, Cheese, Milk Powder.*

## SEC FOODS LTD.

P.O. Box 12, Bridge Estate, Speke Hall Road, Liverpool, L24 9NE.
*Tel.* 051-486 4001. *Telex:* 627182

*Directors:* P. J. McCullagh, C. G. Newton, M. J. D'Arcy. *Secretary:* J. B. Allan, F.C.A. *Sales/Marketing Manager:* T. B. Barnes.

BRAND NAME: *SEC.*

PRODUCTS: *Fruit (Dried), Peas (Dried), Potato Powder (Instant), Soups (Packeted), Vegetable Powders, Vegetables (Dehydrated).*

## SELA PRODUCTS LTD.

Thynne Street, West Bromwich, B70 6PH. *Tel.* 021-553 0427

*Chairman:* K. E. Roberts. *Secretary:* J. M. Roberts. *Production Manager:* C. W. Firth. *Sales Manager:* K. E. Roberts.

BRAND NAME: *Sela.*

PRODUCT: *Sweets (General).*

## SEVEN-UP (GREAT BRITAIN) LTD.

50, Pall Mall, London, SW1Y 5JQ. *T.A.:* "Sevenupco, London, S.W.1."
*Tel.* 01-839 7277

*Directors:* E. P. S. Curtis, E. F. Sidenius (U.S.A.), C. B. Thies (U.S.A.), W. E. Winter (U.S.A.). *Secretary:* D. C. Holden.

PARENT COMPANY: *Seven-Up International Incorporated (U.S.A.).*

BRAND NAMES: *7UP, Howdy Orange, Howdy Cola.*

PRODUCT: *Soft Drinks.*

## SEVERNSIDE FOODS (BRISTOL) LTD.

Ravenscourt Road, Patchway, Bristol, BS12 5BN.
*T.A.* " Seafoods, Bristol."
*Tel. Bristol* 694361. *Telex:* 44783

OTHER FACTORIES: *Siliwen, Bangor, Caernarvonshire. Tel. Bangor* 2698.

PARENT COMPANY: *Severnside Foods Group.*

SUBSIDIARY COMPANIES: *Severnside Cold Storage Co., Crouch River Farms Ltd., Welsh Seafoods Ltd.*

ASSOCIATED COMPANIES: *Dr. Hampton's Frozen Food Co. Ltd., Davison Bake-n-Serv (U.K.) Ltd.*
*Chairman:* J. G. Sprott. *Managing Directors:* T. H. Jones and R. G. Shaw. *Directors:* J. S. Bollom (*Sales*), I. A. Window (*Finance Controller*). R. F. Roberts (*Financial Director*), N. A. Selby (*Marketing*). *Production Manager:* G. A. Garthwaite. *Office Manager:* D. L. Corney. *Factory Manager:* P. Evans. *Export Manager:* R. J. Eddins. *Engineer:* C. Sims. *Chemist:* C. J. Kay. *Buyer:* J. Burton.

BRAND NAME: *Severnside.*

PRODUCTS: *Crustacea (in glass), Crustacea (quick frozen), Fish Products (in glass), Fish Products (quick frozen), Pickles, Lemon Slices (quick frozen).*

## SHARP, EDWARD, & SONS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II CONFECTIONERS*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER SUPPLIERS OF CONFECTIONERY AND CONFECTIONERY NOVELTIES*
*See Trebor Sharps Ltd.*

## SHARROCK, RICHARD, & SONS LTD.

White Chief Bakery, Ashton Road, Bredbury, Stockport, SK6 2RE.
*Tel.* 061-430 5151

*Directors:* W. Garfield Weston, J. U. Scott, R. M. Dick. M. C. Libby.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## SHARWOOD, J. A., & CO. LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MANUFACTURERS OF CHUTNEY AND INDIAN CURRY POWDER*

Offley House, Victoria Road, London, NW10 6NO. *Tel.* 01-965 6565
*Telex:* 24202

*Directors:* M. G. Patterson, J. M. Semple, R. G. Rogerson. *Secretary:* P. J. Ridley *General Manager:* D. Baines. *Sales Manager:* E. W. Newman. *Buyer:* M. Harper.

PARENT COMPANY: *RHM Foods Ltd. (Ranks Hovis McDougall Group).*

BRAND NAMES: *Sharwoods, Green Label Chutney, Globe, Jasco, Vencatachellum Curry Powder, White Label, Breton, Piret Freres.*

PRODUCTS: *Canned Fruit, Canned Vegetables, Cherries (Cocktail), Cherries (Glacé), Chocolates, Cocktail Sundries, Curry Powder, Essences, Ginger (Crystallised), Ginger in Syrup, Gravy Browning, Macaroni, Mustard (French), Olives, Pickles, Pineapple (Glacé), Sauces, Sauce (Prawn Cocktail), Sauce (Tartare), Spices.*

## SHAW, BENJAMIN, & SONS LTD.

Willow Lane, Huddersfield, Yorks., HD1 5ED. *Tel. Huddersfield* 27427

OTHER FACTORY: *New Mill Road, Brockholes, Huddersfield, HD7 7AH.* *Tel.* 62121

*Chairman:* R. M. Shaw. *Vice-Chairman:* C. Stephenson. *Joint Managing Directors:* A. T. Shaw, J. M. Shaw, C. J. Shaw. *Secretary:* V. Baker. *Factory Managers:* R. Higgins, K. Barrowcliffe. *Sales Manager:* D. Bedford. *Chemist:* V. T. Walkley. *Buyers:* J. M. Shaw, C. J. Shaw.

BRAND NAMES: *Benshaws, Suncharm.*

SUBSIDIARY COMPANIES: *Benjamin Shaw & Sons (Lancashire) Ltd., Benshaws Suncharm Ltd.*

PRODUCTS: *Beverages, Fruit Juices, Soft Drinks, Table Waters.*

## SHAW, ELIZABETH, LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MANUFACTURERS OF CONFECTIONERY*

Cavenham House, Colnbrook, Slough, Bucks. *Tel.* 01-964 4411

*Directors:* J. M. Goldsmith, L. J. Ross, J. Greenhalgh, P. H. Whiteside. *Secretary:* J. P. Kinch.

PARENT COMPANY: *Cavenham Confectionery (Cavenham Group).*

BRAND NAME: *Elizabeth Shaw.*

PRODUCTS: *Chocolates, Sweets (General).*

## SHAWS BISCUITS LTD.

Kingsway, Team Valley, Gateshead, 11, Co. Durham. *Tel. Low Fell* 876788

*Chairman and Managing Director:* R. H. M. Adams. *Director:* S. H. Adams.

PRODUCT: *Biscuits.*

## SHAWS (HUDDERSFIELD) LTD.

139, Wakefield Road, Huddersfield, HD5 9AN.
*Tel. Huddersfield* (0484) 28888

*Chairman and Managing Director:* Martin Shaw, B.Sc. *Directors:* Terence Peace, A.C.I.S., Marjorie Shaw. *Secretary:* Terence Peace, A.C.I.S.

PRODUCTS: *Pickles, Vinegar.*

## SHE PRODUCTS CO. LTD.

Meeting Lane, Burton Latimer, Kettering, Northants.
*Tel. Burton Latimer* 2319

*Chairman:* E. C. Peck. *Managing Director:* A. J. D. Peck, B.Sc., A.R.I.C.

PRODUCTS: *Soft Drinks, Table Waters.*

## SHIPPAM, C., LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MANUFACTURERS OF MEAT AND FISH PASTES*

East Walls, Chichester, Sussex. *T.A.:* " Shippam Chichester."
*Telex:* 86763. *Tel.* 0243 85191

*Chairman:* C. N. G. Shippam. *Deputy Chairman and Managing Director:* J. M. Jeremy. *Directors:* Dr. F. H. Banfield, O.B.E., F.R.I.C., C. Shippam, G. S. Seybolt (U.S.A.), R. Wellington (U.S.A.), A. L. Blake, Peter Vanneck. *Secretary:* F. H. Moore. *Production Director:* J. H. S. Shippam. *Financial Director:* P. Higham. *Sales Manager:* C. E. Turner. *Marketing Manager:* J. R. Carroll. *Export Manager:* W. J. Eastwood, M.B.E. *Purchasing Director:* H. J. May.

SUBSIDIARY COMPANIES: *Basingstoke Foods Ltd., J. H. Senior & Co. (Holdings) Ltd., J. H. Senior & Co. Ltd., Mayflour Products Ltd., Cornish Canners Ltd.*

BRAND NAMES: *Shippam's, Seniors.*

PRODUCTS: *Canned Fish, Chicken in Glass, Meat Products (Canned) Pastes (Fish), Pastes (Meat), Poultry (Canned), Puddings (Canned) Sweet.*

## SHOWERINGS LTD.

Kilver Street, Shepton Mallet, Somerset. *T.A.:* "Babycham Shepton Mallet."
*Telex:* 44209. *Tel. Shepton Mallet* 3333

*Chairman:* F. E. Showering. *Directors:* K. S. Showering, F. C. Roberts, R. H. Whiteway, R. P. W. Whiteway, G. T. Aldous, Q.C., P. G. Edwards, E. J. Webb, S. J. Neale, R. D. Gilchrist, J. D. Winther. *Secretary:* E. W. Seabright, F.C.I.S.

PARENT COMPANY: *Showerings, Vine Products & Whiteways Ltd.*

SUBSIDIARY COMPANIES: *Babycham Ltd., BritviC Ltd., R. N. Coate & Co. Ltd., Wm. Gaymer & Son Ltd., Harveys of Bristol Ltd., Vine Products Ltd., Vineyard Winery Co. Ltd., Coates, Gaymer & Whiteways Ltd, Minster (Soft Drinks) Ltd.*

BRAND NAMES: *Babycham, Pony.*

PRODUCTS: *Cider, Perry.*

## SHOWERINGS, VINE PRODUCTS & WHITEWAYS LTD.

Kilver Street, Shepton Mallet, Somerset, BA4 5ND.
*T.A.:* " Babycham Shepton Mallet."
*Telex:* 44209. *Tel. Shepton Mallet* 3333

*Chairman:* F. E. Showering. *Directors:* K. S. Showering, A. O. Hunt, B. H. McGrath, P. G. Edwards, R. H. Whiteway, D. Strachan, G. Davies, F. C. Roberts, E. J. Webb. *Secretary:* Eric W. Seabright, F.C.I.S. *Buyer:* A. J. Smith.

PARENT COMPANY: *Allied Breweries Ltd.*

SUBSIDIARY COMPANIES: *Showerings Ltd., Whiteways of Whimple Ltd*

## SHREBE LTD.

Bordesley Street, Birmingham, B5 5PW. *Tel.* 021-643 2595

*Chairman and Joint Managing Director:* R. W. Austin. *Joint Managing Director:* P. E. Dyer. *Director:* C. W. Crane. *Secretary:* J. H. Somers. *Production Manager:* H. Hall. *Sales/Marketing Manager:* J. Blackwell. *Factory and Sales Director:* P. E Dyer.

PARENT COMPANY: *Midland Cattle Products Ltd.*

ASSOCIATED COMPANY: *Suvit Ltd.*

BRAND NAME: *Shrebe.*

PRODUCT: *Suet (Shredded).*

## SILVIO'S LTD.

121, White Abbey Road, Bradford, Yorks. *Tel. Bradford* 48241

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## SIMMONS, WILLIAM, LTD.

Mothers Pride Bakery, Leighton Buzzard, Beds., LU7 7BA. *Tel. Leighton Buzzard* 2626

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## SIMPSON READY FOODS LTD.

Urmston, Manchester, M31 1WH. *T.A.:* "Goblin Urmston." *Telex:* 668640 Goblin Manchr. *Tel.* 061-865 2241

*Chairman and Managing Director:* J. Y. Simpson. *Directors:* Mrs. L. M. Simpson, Mrs. I. G. Johnson, Miss E. Pickles (*Secretary*). *Buyer:* H. Brannan.

BRAND NAME: *Goblin.*

PRODUCTS: *Christmas Puddings, Meat Products (canned), Poultry (canned), Puddings (canned) sweet.*

## SISTER LAURAS INFANT & INVALID FOOD CO. LTD.

Springfield Works, Bishopbriggs, Glasgow. *Tel.* 041-772 1152

*Chairman:* R. D. Watson. *Joint Managing Directors:* R. D. Watson, J. L. Thomson. *Director:* C. R. Watson. *Secretary:* J. L. Thomson. *Factory Manager:* J. McLeod. *Sales Manager:* R. D. Watson. *Buyer:* J. L. Thomson.

BRAND NAME: *Sister Lauras Food.*

PRODUCTS: *Infant and Invalid Foods.*

## SLIMCEA LTD.

By-Pass Road, Colnbrook, Slough, Bucks. *Tel.* Colnbrook 4411

*President:* Dr. D. W. Kent-Jones, O.B.E. *Chairman:* Dr. A. J. Amos, O.B.E., B.Sc., F.R.I.C. *Vice-Chairman:* B. J. Callaway. *Managing Director:* A. G. Fathers. *Directors:* C. F. Best, J. Greenhalgh, P. Howitt, B. Springthorpe, B. Roe, G. Pullen. *Secretary:* K. H. Riley.

PARENT COMPANY: *Cavenham Ltd.*

SUBSIDIARY COMPANIES: *Adcol Ltd., Nutrex Ltd., Procea Products Ltd.*

BRAND NAMES: *Procea, Slimcea, Nutrex.*

PRODUCTS: *Bread, Dietetic Food.*

## SMART, W. H., & CO. LTD.

Arthur Street, Redditch, Worcs. *Tel. Redditch* 4232

*Chairman:* Dr. P. R. Bateson. *Director and Secretary:* D. P. Bell. *Technical Manager:* E. R. Elwood. *Production Manager:* R. K. Osborn. *Engineer:* P. R. Casstles. *Chemist:* P. Havas. *Buyer:* R. H. Bray.

PARENT COMPANY: *Wall's Meat Co. Ltd.* (*Unilever Group*).

BRAND NAME: *Smarts.*

PRODUCTS: *Meat Products* (*Canned*), *Sausages.*

## SMEDLEY-HP FOODS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MANUFACTURERS OF H.P. SAUCE*

Imperial House, Willes Road, Leamington Spa, Warwickshire, CV32 4QF.
*Tel.* 0926 27055. *Telex:* 311205

FACTORIES: *Barlby Road, Selby, Yorkshire. Aston Cross, Birmingham 6. Lynn Road, Wisbech, Cambs. West Marsh Road, Spalding, Lincs. Graveney Road, Faversham. Erichtside Works, Blairgowrie. Millfield, North Walsham. Minstergate Street, Thetford. Midland Road, Worcester.*

*Chairman and Managing Director:* T. P. C. Smith. *Directors:* R. B. Beedham (*Production*), R. R. Brown (*Marketing*), J. T. F. Crick (*Personnel*), D. Hall (*Finance and Administration*), J. E. Lea (*Sales and Distribution*), I. Reid (*Purchasing*), M. J. Smedley (*Overseas Development*).

PARENT COMPANY: *Imperial Foods Limited.*

BRAND NAMES: *H.P., Smedley, Daddies, Epicure, Lea & Perrins.*

PRODUCTS: *Baked Beans, Canned Fruit, Canned Vegetables, Fruit Juices Meat Products* (*canned*), *Pickles, Sauces, Sauces* (*Dessert*), *Salad Cream, Tomato Juice, Vinegar.*

## SMITH & SON (LANGLEY MILL) LTD.

Cromford Road, Langley Mill, Nottingham, NG16 4AJ.
*T.A.:* "Smith, Langley Mill." *Tel. Langley Mill* 2083

*Chairman and Managing Director:* A. Green. *Director and Secretary:* O. C. Cross. *Production Manager:* G. E. Marks.

PARENT COMPANY: *Smiths Flour Mills Ltd.*

PRODUCTS: *Barley Flour, Bread Crumbs, Cake Mixes, Cornflour, Flour, Flour* (*Self-Raising*), *Oatmeal, Oats* (*rolled*), *Pastry* (*Puff*), *Pastry* (*Short*) *Mix, Pearl Barley, Rye Flour, Semolina.*

## SMITH BROTHERS (WALSALL) LTD.

Albion Flour Mills, Wolverhampton Street, Walsall, Staffs., WS2 8NB.
*T.A.:* "Flour, Walsall." *Tel. Walsall* 22233

*Chairman and Managing Director:* A. Green. *Director and Secretary:* O. C. Cross. *Production Manager:* E. E. Watson. *Engineer:* G. E. Marks.

PARENT COMPANY: *Smiths Flour Mills Ltd.*

PRODUCTS: *Barley Flour, Bread Crumbs, Cake Mixes, Cornflour, Flour Flour* (*Self-Raising*), *Oatmeal, Pastry* (*Puff*), *Pastry* (*Short*) *Mix, Pearl Barley Rye Flour, Semolina.*

## SMITH, H., (PURITO PRODUCTS)

Victoria Mills, Mossley, Ashton-under-Lyne, Lancs., OL5 9HP.
*T.A.:* "Purito, Mossley." *Tel. Mossley* 2728

PARENT COMPANY: *Manning & Co. (Sheffield) Ltd.*

BRAND NAMES: *Varsity Pickles, Laurel Pickles, Sauces and Lemon Cheese.*

PRODUCTS: *Condiment, Lemon Curd, Pickles, Sauces, Vinegar.*

## SMITH, P., & CO. (LIVERPOOL) LTD.

Altcar Road Industrial Estate, Formby, Lancashire. *Tel. Formby* 78505/6

BRAND NAMES: *Cheerio Sauce, Smith's Cheerio Tomato Sauce, Peter Smith, Sun Pedro.*

PRODUCTS: *Sauces, Soft Drinks.*

## SMITH & VOSPER LTD.

30, Green Road, Southsea, Hants. *Tel. Portsmouth* 20721

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## SMITHS FLOUR MILLS LTD.

Albion Mills, Eastgate, Worksop, Notts., S80 1QY.
*T.A.:* "Wheat Worksop." *Tel. Worksop* 2216

*Chairman and Managing Director:* A. Green. *Directors:* A. J. Amos, O. C. Cross, C. M. Wilson. *Secretary:* O. C. Cross. *Production Manager:* J. G. N. Wooler, *Sales Manager:* S. Trevor Jones. *Engineer:* B. A. Smith. *Chemist:* Dr. A. J. Amos. *Buyer:* J. Barran.

PARENT COMPANY: *Northern Cake & Flour Ltd.*

SUBSIDIARY COMPANIES: *Smith & Son (Langley Mill) Ltd., Smith Bros. (Walsall) Ltd., Crestona Ltd., Turner Bros. (Warrington) Ltd., Oakes (Millers) Ltd., B.B.S. (Bakery Services) Ltd., Wm. Gunstone & Sons Ltd., Turner Bros. (Bristol) Ltd.*

BRAND NAMES: *Albion, Frizets.*

PRODUCTS: *Barley Flour, Bread Crumbs, Cake Mixes, Cornflour Flour, Flour (Self Raising), Oatmeal, Oats (Rolled), Pastry (Puff), Pastry (Short) Mix, Pearl Barley, Rice Flour, Rye Flour, Semolina.*

## SMITHS FOOD GROUP

Mortlake Road, Kew, Richmond, Surrey, TW9 4AH.
*T.A.:* "Foodsmith Richmond Surrey." *Telex:* 25558. *Tel.* 01-876 3414

FACTORIES: *Southampton Road, Paulsgrove, Cosham, Portsmouth. Tel.* Cosham 72222. *Great Yarmouth, Norfolk. Tel. Great Yarmouth* 2357. *Stockport Road, Cheadle Heath, Stockport, Cheshire. Tel. Stockport* 3549. 19, *Copse Road, Fleetwood, Lancs. Tel. Fleetwood* 2279. 37, *Pontardulais Road, Cadle, Swansea. Tel.* 32959. *Newark Road, Bracebridge, Lincoln. Tel. Lincoln* 24395.

*Chairman:* Sir Rupert M. Speir. *Deputy Chairman and Chief Exec. Officer:* R. K. Swanson (U.S.A.). *Managing Director:* E. W. Swanson (U.S.A.). *Directors:* D. A. Lundie, A.C.A., P. W. Ford, R. E. Baker, G. C. Gaines (U.S.A.), S. D. Andrews Jnr. (U.S.A.), L. E. M. Cossé (French), J. Liquorish (Sales), K. Morgan, E. Smith, K. Frey (Finance), P. Grender (Marketing). *Secretary:* M. J. Clayton, F.C.A. *Sales Manager:* J. A. Liquorish. *Engineer:* J. Lewis.

PARENT COMPANY: *General Mills, Inc. (U.S.A.).*

BRAND NAMES: *Smiths Potato Crisps, Chekkers, quavers, Chipitos, Big D Nuts, Smokees, Chipsticks.*

PRODUCTS: *Biscuits, Peanut Products, Peanuts (Salted), Potato Crisps, Snack products.*

## SNOWDEN & BAILES LTD.

6, North Railway Street, Seaham, Co. Durham. *Tel. Seaham* 812021

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## SOMERWEST LTD.

Taunton, Somerset. *Tel. Taunton* 86001. *T.A.:* "Somerwest Taunton."

*Managing Director:* G. Muat. *Directors:* G. E. Brayley, T. J. McRae, W. B. Hooper. *Secretary:* B. M. Keen. *Production Manager:* C. B. Evans. *Sales/Marketing Manager:* D. B. Hayes. *Engineer:* K. Thomas. *Chemist:* A. N. Searle. *Buyer:* V. E. Yuill.

PARENT COMPANY: *Brooke Bond Liebig Ltd.*

SUBSIDIARY COMPANY: *West Somerset Bacon Co. Ltd.*

BRAND NAMES: *Somerwest, Somer Valley.*

PRODUCTS: *Bacon, Ham, Lard, Meat Pies, Meat Products (Open Pack), Quick Frozen Meat Products, Quick Frozen Prepared Meals, Quick Frozen Sausages, Sausages.*

## SOUTH SUBURBAN CO-OPERATIVE SOCIETY LTD.

99, London Road, Croydon, Surrey, CR9 2QN. *Tel.* 01-688 4488

SAUSAGES & COOKED MEATS FACTORY: *William Street, Carshalton, Surrey. Tel. Franklin* 2217.

*Secretary & Chief Executive Officer:* G. E. Warren, A.C.I.S., C.S.D. *Retail Trading Officer:* J. Ed. Fabritius. *Production Manager:* G. B. Harrison. *Factory Manager:* E. Franks. *Butchery Manager/Buyer:* E. R. Barnett.

BRAND NAME: *Fairfield (Sausages).*

PRODUCTS: *Ham, Meat Products, Sausages.*

## SOUTHWELL, CHAS, & CO. LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MANUFACTURERS OF CONFECTIONERY*

College Street, Ipswich, Suffolk. *Tel. Ipswich* 56234

PARENT COMPANY: *Matthew Holdings Ltd.*

BRAND NAMES: *Southwells, Tinties, Mixaroon, Decorettes, Meriwhip.*

PRODUCTS: *Almond Products, Christmas Puddings, Essences, Colourings and Flavours, Ginger (Crystallised), Peel, Pineapple (Glacé), Sugar, Sweets (General).*

## SPARK, RALPH, & SONS LTD.

Bishopton Avenue, Stockton-on-Tees, Co. Durham. *Tel. Stockton* 67304

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## SPEAR BROS. & CLARK LTD.

21–23, Emery Road, Brislington Trading Estate, Bristol, BS99 7TH.
*Tel. Bristol* 770771

OTHER FACTORY: *Cornish Meat & Provision Co., Redruth. Tel. Redruth* 5134.

*Chairman:* R. D. Spear, J.P. *Managing Director:* C. S. Carwardine. *Directors:* S. Carwardine, C. Rome, J. Alan King, C.A. (*and Secretary*). *Production Manager:* W. R. Papper. *Engineer:* A. Snell. *Buyer:* R. Stephens. *Lenham Manager:* Peter Gowlett. *Redruth Manager:* E. C. E. Luke.

PARENT COMPANY: *Carwardine (Holdings) Ltd.*

ASSOCIATED COMPANY: *Robert Sellick Ltd.*

BRAND NAMES: *Carn Brea Castle, Bladud, Bristol Castle, Westdale, Southdale, Coronet.*

PRODUCTS: *Bacon, Dripping, Ham, Lard, Meat Pies, Meat Products (Open Pack), Sausages.*

## SPILLERS LTD.

Old Change House, Cannon Street, London, EC4M 6XB.
*T.A.:* " Spillers, London, E.C.4." *Tel.* 01-248 5700. *Telex:* 888787

*President:* Sir Archibald F. Forbes, G.B.E. *Chairman:* W. M. Vernon. *Vice-Chairman:* R. I. H. Paul. *Directors:* H. Colbourne, Harold R. Philpot, D. C. Hailey, P. H. Fleck, J. S. Booton, N. L. Rigby, D. R. Hornby. *Secretary:* F. H. V. Beazley, F.C.I.S.

MAJOR SUBSIDIARY COMPANIES: *Amasal Ltd., Broderick Bros. Ltd. Federal Bakeries Ltd., Ralph Furniss Ltd., Henry Jones (Bristol) Ltd., Lakeland Food Industries Ltd., T. Lucas & Co. Ltd., Matthes Holdings Ltd., Meade-Lonsdale Group Ltd., Pelmo Co. Ltd., Soya Foods Ltd., Spice & Flavour Services Ltd., Spillers Foods Ltd., Spillers Food Services Ltd., Spillers-French (Holdings) Ltd., Spillers International Ltd., James Walker & Sons (Newcastle) Ltd., F. T. Wood & Sons Ltd., Wright & Co. (Rusk) Ltd.*

BRAND NAMES: *Spillers Flour, Homepride, Turog Brown Flour, Wonderloaf, Cambridge Formula Loaf, Pinjar Stuffings and Herbs, Vigol Brown Flour, Halo, Hi-Lite, Hi-Frute, Soyolk, Diasoy, Frenlite Flour, Lyons Bread, Tyne Brand, Conquest.*

PRODUCTS: *Bread, Bread Crumbs, Cakes, Flour, Flour (Self-Raising), Herbs (Culinary), Meat Products (Canned), Stuffing.*

## SPILLERS-FRENCH HOLDINGS LTD.

Old Change House, 4–6, Cannon Street, London, EC4M 6XB.
*T.A.:* " Spillers London EC4." *Tel.* 01-248 5700. *Telex:* 888787

*Chairman:* W. M. Vernon. *Deputy Chairmen:* A. Sugden, G. K. Lawrence. *Directors:* J. S. Booton, G. E. Bradfield, R. I. H. Paul, N. L. Rigby, F. Merry, H. Colbourne. *Secretary:* P. J. Whitechurch.

PARENT COMPANY: *Spillers Ltd.*

MAJOR SUBSIDIARY COMPANIES: *Spillers French Ltd., Spillers-French Baking Ltd., Spillers-French Milling Ltd.*

## SPILLERS-FRENCH BAKING LTD.

Old Change House, Cannon Street, London, E.C.4.
*T.A.:* " Spillers London EC4." *Tel.* 01-248 5700. *Telex:* 888787

*Chairman:* P. Fleck. *Directors:* J. S. Harvey, R. S. Prest, N. R. Allsworth K. Osborne, D. G. Marsh, D. C. Cracknell, A. B. Hitchings, C. R. Macnabb, W. E. Underwood. *Secretary:* P. J. Whitechurch, F.C.I.S.

PARENT COMPANY: *Spillers-French Holdings Ltd.*

SUBSIDIARY COMPANIES: *Bilsland Bros. Ltd., Frears & Blacks Ltd., Garners Bakeries Ltd., Garners (7X) Ltd., Midland Family Bakers Ltd., Norie Ltd., Spillers-French Baking (Midlands) Ltd., Spillers-French Baking (North-East) Ltd., Spillers-French Baking (Northern) Ltd., Spillers-French Baking (Scotland) Ltd., Spillers-French Baking (Southern) Ltd., Spillers-French Baking (Western) Ltd., Tees Maid Ltd., United Bakeries Ltd., D. & E. Wells Ltd.*

BRAND NAMES: *Cambridge Formula, Dinkum, Lyons Bread, Wonderloaf, Wonder Cakes.*

PRODUCTS: *Bread, Cakes.*

## SPRING FOOD PRODUCTS LTD.

Brigg, Lincolnshire, DN20 8LL. *Tel. Brigg* 2944
*Telex:* 527073

*Chairman and Managing Director:* B. Stead. *Directors:* A. J. Lambert, R. L. Hollowood. *Sales/Marketing Manager:* J. A. Lemon. *Buyer:* W. T. Good.

PARENT COMPANY: *John Morrell & Co. Ltd.*

BRAND NAMES: *Springs, Ma Made.*

PRODUCTS: *Christmas Puddings, Conserves, Fruit (canned), Lemon Curd, Mincemeat, Preserves, Vegetables (canned).*

## SQUIRREL HORN LTD.

Canada Street, Stockport, Cheshire.
*T.A.:* "Squirrel Stockport." *Tel.* 061-483 1141

*Chairman and Managing Director:* John B. Hardy. *Directors:* Eric E. Tutton, Charles Crosland, J. R. Pearson, E. Thorniley, D. C. Smith. *Secretary:* K. Taylor. *Production Manager:* R. C. Jones. *Factory Manager:* H. Beard. *Engineer:* J. Cadwallender. *Chemist:* E. E. Tutton.

SUBSIDIARY COMPANIES: *Henry Faulder & Co. Ltd., Galen Products Co. Ltd., John Horn (Stockport) Ltd., Williams's Ltd.*

BRAND NAMES: *Squirrel Horn, Williams's.*

PRODUCT: *Sweets (General).*

## STANDARD BRANDS LTD.

Atherton Road, Liverpool, L9 7AQ. *T.A.:* " Fleisado Liverpool."
*Tel.* 051-525 5101

*Chairman:* A. R. Pendry. *Managing Director:* J. Feenstra. *Directors:* J. L. Briggs (U.S.A.), H. W. Higginson, M.C., F. R. Johnson. *Secretary:* J. C. Lewys-Lloyd. *Production Manager:* R. Bunnagar. *Sales Manager:* A. Lynch. *Marketing Manager:* C. M. N. Vere. *Export Sales Manager:* H. Wren. *Chemist:* D. Watt. *Buyer:* G. H. Reynolds.

PARENT COMPANY: *Standard Brands Inc. (U.S.A.).*

SUBSIDIARY COMPANY: *Walkers Crisps Ltd.*

ASSOCIATED COMPANY: *Fresh Field Foods Ltd.*

BRAND NAMES: *Royal, Chase and Sanborn, Stanbran, Lion, Planter's Nuts.*

PRODUCTS: *Baking Powder, Chocolate (Drinking), Coffee, Coffee (Instant), Custard Powder, Dessert Powder, Jellies (Table), Nuts (pre-packed), Tea.*

## STEWART, H. W., LTD.

9, Main Street, Thornliebank, Glasgow, G46 7SQ.
*T.A.:* "Mallows Glasgow." *Tel.* 041-638 6498

*Chairman:* A. Hyde. *Managing Director:* Alexander Black. *Directors:* J. S. Eadie, P. L. Aspinall.

PARENT COMPANY: *Tavener Rutledge Ltd.*

BRAND NAME: *Princess Marshmallows.*

PRODUCT: *Sweets (General).*

## STOKES BOMFORD (HOLDINGS) LTD.

P.O. Box No. 2, 80, High Street, Evesham, Worcs., WR11 4EY.
*Tel. Evesham* 6601

FACTORIES: *Ladybank. Tel. Ladybank* 562. *Telex:* 76111. *Littleport. Tel. Ely* 860654. *Maidstone. Tel. Otham* 526. *Telex:* 965331. *Pershore. Tel. Cropthorne* 444. *Spalding. Tel. Spalding* 3883. *Wisbech. Tel. Wisbech* 3323. *Telex:* 32278. *Worcester. Tel. Worcester* 640521. *Telex:* 338541.

*Chairman:* W. R. Gowers. *Managing Director:* E. W. Bomford. *Secretary (and Director):* R. G. Portergill, A.C.A. *Directors:* R. E. Cornwell, J. M. Watt Foxley Norris, V. F. Newman, E. Grant Righton, Miss H. S. G. Stokes. *Sales Marketing Executives:* M. J. Blackman, B. E. Green, J. Oram, E. J. M. Willey, F. Cooper. *Production Manager:* D. V. Halford. *Factory Manager:* E. F. Yarrow.

SUBSIDIARY COMPANIES: *Stokes Bomford Ltd., Stokes Bomford Production Ltd., Stokes Bomford Wholesale Ltd., E. W. Bomford (Pensham) Ltd.*

BRAND NAME: *S.B.*

PRODUCTS: *Fruit (bottled), Fruit (canned), Fruit concentrates (quick frozen), Fruit (quick frozen), Fruit fillings, Fruit juices, Fruit pulps, Infant & Invalid Foods, Mincemeat, Pickles, Pie filling, Potato Crisps, Potato Products (quick frozen), Prepared meals, Preserves, Sauces, Soft drinks, Soup (canned), Vegetables (canned), Vegetables (quick frozen), Yoghurt.*

## STRATFORD UPON AVON CANNERS LTD.

Birmingham Road, Stratford-upon-Avon, Warwickshire.
*Tel. Stratford-on-Avon* 3235. *Telex:* 311153

*Chairman:* T. Tiplady. *Directors:* J. H. McCartney, J. W. Holloway, J. C. Hansen, P. R. Smith. *Secretary:* T. W. Harvey.

PARENT COMPANIES: *Distillers Co. Ltd. (Yeast and Food Division), The United Yeast Co. Ltd.*

BRAND NAME: *Stratford upon Avon.*

STRATFORD-ON-AVON FACTORY: *(address and Tel. No. as above).*

*Factory Manager:* N. F. Wright. *Sales Manager:* W. L. Troughton. *Engineer:* D. A. Walton. *Chemist:* B. J. Barnett. *Buyer:* J. C. Hansen.

PRODUCTS: *Fruit (Canned), Vegetables (Canned), Fruit Pie Fillings, Jams.*

SKELMERSDALE FACTORY: *Gardiners Place, West Gillibrands, Skelmersdale, Lancs. Tel.* 0695 24371.

*Works Manager:* C. Pickup. *Production Manager:* S. B. Wilson. *Sales Marketing Manager:* C. D. Pask. *Engineer:* P. V. Spain. *Chemist:* D. Simkins. *Buyer:* D. J. Gradwell.

PRODUCTS: *Meat (Canned), Meat Products (open-pack).*

## STRATFORD UPON AVON MINERAL CO. LTD.

1, Arden Street, Stratford upon Avon. *T.A.:* "Drinks Stratford upon Avon."
*Tel.* (0789) 66241 *Telex:* 311220 Energy Drinks

*Chairman and Managing Director:* A. M. Rapp. *Directors:* R. Feeney, G. Ward, D. Bennett, P. Harris, M. Love. *Secretary:* G. Ward. *Production and Factory Manager:* N. Dixon. *Sales/Marketing Manager:* M. Batho. *Engineer:* M. Phillips. *Chemist:* K. Hodierme. *Buyer:* B. N. Young.

BRAND NAMES: *Avon, Top-Pops, Or-Lem.*

PRODUCTS: *Soft Drinks, Table Waters.*

## STRATHMORE SPRINGS LTD.

Strathmore Springs, West High Street, Forfar, Angus. *T.A.:* "Strath Forfar."
*Tel. Forfar* 3605

FACTORIES: 128, *West High Street, Forfar;* 12, *Corso Street, Dundee;* 377, *Dalmarnock Road, Glasgow; Soroba Road, Oban.*

*Chairman:* Sir Hugh Fraser, Bt. *Deputy Chairman:* J. Gossman. *Managing Director:* J. Turpie. *Director:* G. Sandilands. *Secretary:* S. S. Jack, A.C.C.A. *Factory Manager:* James Bandeen. *Sales Manager:* D. McNaughton. *Chemist:* G. Sandilands.

PARENT COMPANY: *Scottish & Universal Investments Ltd.*

BRAND NAMES: *Barrie-Dundee, Fergora, Pola-Cola, Scoteau, Snippy, Stillade, Sundale, Sunjoy, Trim.*

PRODUCTS: *Beverages, Soft Drinks, Table Waters.*

## SUCHARD CHOCOLATE LTD.

Broadwater Road, Welwyn Garden City, Herts., AL7 3BA.
*T.A.:* "Suchard Welwyn Garden City." *Tel. Welwyn Garden* 23344
*Telex:* 261952

*Chairman:* J. Bes. *Directors:* L. R. S. Cork, H. J. A. Rohrbach, J. Manghardt. *Secretary:* K. Womwell. *General Manager:* N. R. Glassford. *Production Manager:* J. Canepa. *Factory Manager:* K. C. Erni. *Sales Marketing Manager:* K. J. Webb. *Engineer:* M. Ropel. *Purchasing Manager:* M. J. Williscroft.

PARENT COMPANY: *Interfood S.A., Lausanne, Switzerland.*

ASSOCIATED COMPANY: *Chocolat Tobler.*

BRAND NAMES: *Velma, Milka, Bittra, Regalia.*

PRODUCTS: *Chocolates, Chocolates (Liqueur).*

## SUNBLEST BAKERIES (ABERDEEN) LTD.

Northfield Bakery ,Granitehill Road, Northfield, Aberdeen, AB9 2AX.
*Tel. Aberdeen* 45221

*Directors:* F. P. Acres, G. Craig, A. Begg, G. Strathdee.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes, Shortbread.*

## SUNBLEST BAKERIES (DUNDEE) LTD.

5, Lytton Street, Dundee. *Tel. Dundee* 69292

*Directors:* F. P. Acres, G. Craig, J. M. W. Findlay.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes, Meat Pies, Pastry (Puff), Shortbread or Short cake, Sweets (Boiled Sugar).*

## SUNBLEST BAKERIES (EDINBURGH) LTD.

Hawkhill Bakeries, Lochend Road, Edinburgh, EH7 6DB.
*Tel.* 031-554 2666

*Directors:* F. P. Acres, G. Craig, K. McLennan.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## SUNBLEST BAKERIES (GLASGOW) LTD.

100, Stamford Street, Glasgow, G40 3RL. *Tel.* 041-554 7371

*Directors:* F. P. Acres, G. Craig, W. M. Gillan.

PARENT COMPANY: *Associated British Foods Ltd.* (*Weston Group*).

BRAND NAMES: *Welma, Sunblest.*

PRODUCTS: *Bread, Cakes.*

## SUNBLEST BAKERIES (SHEFFIELD) LTD.

Penistone Road, Sheffield, S6 2DF. *Tel. Sheffield* 344261

*Directors:* K. J. Wroe, F. P. Acres, R. J. Pantlin.

PARENT COMPANY: *Associated British Foods Ltd.* (*Weston Group*).

PRODUCTS: *Bread, Cakes, Meat Pies, Sausages.*

## SUNBLEST BAKERIES (STEVENAGE) LTD.

Cartwright Road, Stevenage, Herts., SG1 4QA. *Tel. Stevenage* 59611

*Managing Director:* R. F. Wood. *Directors:* F. G. Jennings, A. W. Aubrey-Jones, J. E. Ralph.

PARENT COMPANY: *Associated British Foods Ltd.* (*Weston Group*).

PRODUCTS: *Bread, Cakes.*

## SUNBLEST BAKERIES (YORKSHIRE) LTD.

P.O. Box 220, Dick Lane, Bradford, West Yorkshire, BD4 8PP.
*Tel. Bradford* 664311

*Directors:* W. Garfield Weston, K. J. Wroe, F. P. Acres, J. U. Scott, L. G. Willis, T. Sutton.

PARENT COMPANY: *Associated British Foods Ltd.* (*Weston Group*).

PRODUCTS: *Bread, Cakes.*

## SUN D'OR LTD.

Manor Royal, Crawley, Sussex, RH10 2QW. *T.A.:* " Sundor Crawley."
*Tel. Crawley* (0293) 26485

*Chairman:* G. de Galleani. *Managing Director:* D. H. Scrase. *Directors:* A. H. Scrase, R. W. Ramsdale, M. J. Robbins. *Secretary:* J. Kennedy Scott, F.C.A.

PARENT COMPANY: *Maynards Ltd.*

BRAND NAMES: *Sun D'Or, Kandy Kid, Toasties.*

PRODUCTS: *Chocolates, Ginger* (*Crystallized*), *Sweets* (*Chocolate*), *Sweets* (*General*).

## SUN VALLEY POULTRY LTD.

Grandstand Works, Hereford, HR4 9PB. *Tel. Hereford* (0432) 6432
*Telex:* Sunval, Hereford 35258

*Chairman and Managing Director:* Lt.-Col. Uvedale Corbett, D.S.O. *Directors:* G. H. Nicolson, G. A. Drabble, I. H. Norton, M.B.E., M.A., Major E. C. Phillips, M.C., R. A. Corbett. *Secretary:* W. A. Brailsford, A.C.I.S. *Production Manager:* D. Finch. *Sales Manager:* Mrs. B. England. *Engineer:* C. R. Clark. *Food Technologist:* A. F. Godfree, B.Sc. (Biological Sciences). *Buyer:* P. J. Robinson. *Technical Manager:* J. R. Wood...

ASSOCIATED COMPANY: *Union International Co. Ltd.*

BRAND NAMES: *Sun Valley, Hereford.*

PRODUCT: *Poultry* (*quick frozen*).

## SUNSHINE BREAD CO. (NORWICH) LTD.

Aylsham Road, Norwich, Norfolk, NOR 14N. *Tel. Norwich* 45311

*Chairman and Managing Director:* H. W. W. Downing. *Directors:* A. N. Clapton, D. J. Garratt, A. G. Russell, C. A. Matthes, K. C. Matthes, E. D. Everett

PARENT COMPANY: *Matthes Holdings Ltd.* (*Spillers Group*).

BRAND NAME: *Sunshine Bread.*

PRODUCT: *Bread.*

## SUPERSLICE LTD.

76, Old Street, London, E.C.1. *Tel.* 01-253 2364

OTHER BAKERY: 105, *Brantwood Road, London, N.*17 *Tel.* 01-808 1535

*Chairman and Managing Director:* F. E. Sandrock. *Directors:* E. Sandrock, D. Phillips (*and Secretary*). *Production Manager:* A. Gray. *Sales Marketing Manager:* A. Cross. *Engineer:* J. Lane. *Buyer:* E. Sandrock.

SUBSIDIARY COMPANIES: *Golden Ray Cake Co. Ltd., W. Snadrock & Nordheim Ltd.*

BRAND NAMES: *Golden Ray, Sandrocks, Superslice.*

PRODUCTS: *Bread, Cakes, Meat Pies.*

## SUPREME MANUFACTURING CO. (LONDON) LTD.

Shaftesbury Road, London, N18 1SW. *T.A.:* " Supremanco London."
*Telex:* 265828. *Tel.* 01-807 3080

*Chairman and Managing Director:* L. H. Stockwell. *Directors:* J. D. McDougall, R. J. Ashby (*Secretary*).

PARENT COMPANY: *Rayner & Co. Ltd.*

BRAND NAMES: *S.M.C., Sucreme, Supremanco, Supreme, Vanillex, Vanobean Raspreme.*

PRODUCTS: *Essences, Colourings and Flavours.*

## SUPREME SALT CO. LTD.

Spa Street, Cobridge, Stoke-on-Trent, ST6 2LN.
*T.A.:* "Henry Stoke-on-Trent." *Tel. Stoke-on-Trent* 25411

*Chairman and Managing Director:* Mrs. J. W. Johnson. *Directors:* Mrs. E. I. Parrish, T. S. Johnson, R. J. Gould. *Secretary:* R. Latimer. *Production Manager:* E. J. Hunt. *Factory Manager:* R. J. Gould. *Sales Marketing Manager:* Mrs. J. W. Johnson. *Engineer:* J. Jones. *Buyer:* Mrs. J. W. Johnson.

BRAND NAME: *Supreme.*

PRODUCT: *Salt.*

## SUTHERLAND, E. T., & SON LTD.

Waleswood Food Factory, Kiveton, Sheffield, S31 8PF.
*T.A.:* "Tastispread, Kiveton, Sheffield."
*Tel. Sheffield* 54130

*Chairman:* E. T. Sutherland. *Managing Director:* P. T. Sutherland. *Directors:* J. W. Parkinson, T. J. Bough. *Secretary:* C. Jackson. *Production Director:* J. W. Parkinson. *Sales Marketing Director:* T. J. Bough. *Engineer:* J. F. Bakewell. *Chemist:* Robert Sutherland.

PRODUCTS: *Fish Products* (*open pack*), *Meat Pies, Meat Products* (*canned*), *Meat Products* (*open pack*), *Sausages.*

## SUTHERLANDS FOODS LTD.

Silverdale Food Factory, Handsworth Road, Sheffield, 9.
*T.A.:* "Suthfoods, Sheffield." *Tel. Sheffield* 49141

*Chairman:* R. G. Lagden. *Directors:* H. W. Hooper, G. W. Reynolds, E. Littlewood. *Secretary:* M. J. M. Chevallier. *Production Manager:* E. Littlewood. *Factory Manager:* G. W. Reynolds. *Sales/Marketing Manager:* D. G. Smith. *Engineer:* A. Birks. *Chemist:* G. Nuttall. *Buyer:* G. W. Reynolds.

PARENT COMPANY: *Quaker Oats Ltd. (Quaker Oats Co. (U.S.A.) ).*

BRAND NAME: *Sutherlands.*

PRODUCTS: *Chicken in Glass, Spreads (Fish), Spreads (Meat).*

## SUVIT LTD.

Bordesley Street, Birmingham, B5 5PN. *Tel.* 021-643 2595

*Chairman and Joint Managing Director:* R. W. Austin. *Joint Managing Director:* P. E. Dyer. *Director:* J. P. Osborne. *Secretary:* E. Handford. *Production Manager:* H. Hall. *Sales/Marketing Manager:* J. Blackwell.

PARENT COMPANY: *Midland Cattle Products Ltd.*

ASSOCIATED COMPANY: *Shrebe Ltd.*

PRODUCTS: *Dripping, Edible Oil, Suet (Shredded).*

## SWEL FOODS LTD.

Dawnedge, Aspley Guise, Milton Keynes, MK17 8JL. *T.A.:* "Efemesco."
*Tel. Woburn Sands* 2421 *Telex:* 825525

OTHER FACTORIES: *Marsh Lane, Boston, Lincs. Tel. Boston* 5513. *Wharf Road, Crowle, Lincs. Tel. Crowle* 421.

*Chairman:* J. P. Ashley Cooper. *Chief Executive:* R. L. Trist, F.C.A. *Directors:* R. Hutchinson (*Marketing and Sales*), D. A. Boswall, F.R.I.C. (*Technical and Production*).

PARENT COMPANY: *Farmers' Marketing & Supply Co. Ltd.*

BRAND NAME: *Swel.*

PRODUCTS: *Coffee (Instant), Fruits (Dehydrated), Fruit Fillings, Gravies, Meats (Dehydrated), Pastry Mix, Pie Filling (Dried Fruit), Potato Powder (Instant), Prepared Meals, Pudding Mixes, Sauces, Soups (Packeted), Vegetable Powders, Vegetables (Dehydrated), Vending Soups.*

## SWIFT & CO. LTD.

10, Charterhouse Square, London, E.C.1.
*T.A.:* " Swiftcoy, London, E.C.1." *Tel.* 01-253 7600. *Telex:* 263817

FACTORIES: Cheese: *Church Square, Bures, Suffolk. Tel. Bures* 451. Poultry: *Moorland Close, Lincoln. Tel. Lincoln* 65000. Meat Processing and Quick Frozen Meat: *Arctic House, Rye Lane, Dunton Green, Kent. Tel. Sevenoaks* 54603 *and* 54698. London Sales Unit: *Royal Victoria Docks, London, E.*16. *Tel.* 01-476 2155.

*Joint Managing Directors:* R. C. Joscelyne, M. J. Hartnall (*Chairman*), V. N. Wright. *Directors:* T. F. Huskisson, D. G. Brydges, E. R. Sumner. *Secretary:* M. J. Hartnall. DIVISIONS: *Poultry Co. Managing Director:* R. D. Brook. *Dairy Produce Company Managing Director:* R. J. Stone. *Factory Managers: Cheese Factory:* D. A. Philips. *Portion Meats Division Manager:* F. P. F. Ames.

PARENT COMPANY: *Swift & Company, Chicago, (U.S.A.).*

BRAND NAMES: *Swift's, Vita Fare, Weecheddar, Buttercup, Cresta, Trumps, Jewel, Butterball, ProTen Beef.*

PRODUCTS: *Cheese, Cheese (Processed), Meat (quick frozen), Meat Products (open pack), Poultry (quick frozen).*

## SYMBOL BISCUITS LTD.

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER BISCUIT MANUFACTURERS*

(*See Lyons Bakery Ltd.*)

## SYMINGTON, THOS., & CO. LTD.

5, Bonnington Road Lane, Edinburgh, EH6 5BP.
*T.A.:* " Symington, Edinburgh." *Tel.* 031-554 8121

*Chairman:* Mrs. G. L. Noble. *Managing Director:* Miss H. S. Noble. *Directors:* D. W. Brydie, R. Pettie, C.A. *Factory Manager:* S. Hainey. *Sales Manager:* Miss H. S. Noble.

BRAND NAMES: *Symington's Instant Dandelion Coffee, De-Caffeinazed Instant Coffee, Hon-y-cup.*

PRODUCTS: *Health Food Beverages.*

## T. & D. VARIETY FOOD DISTRIBUTORS LTD.

Elgood Lane, Goldenhill, Stoke-on-Trent, Staffs., ST6 5QQ.
*Tel. Kidsgrove* 2321

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## TATE & LYLE LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II SUGAR REFINERS*

21, Mincing Lane, London, EC3R 7QY. *T.A.:* "Tatelyle London E.C.3."
*Tel.* 01-626 6525 *Telex:* 884084.

*President:* Sir Ian Lyle. *Chairman:* John O. Lyle. *Vice-Chairman:* F. H. Tate. *Directors:* J. F. P Tate and 10 others. *Secretary:* R. I. Foden, M.A.

SUBSIDIARY COMPANY: *Tate & Lyle Refineries Ltd.*

## TATE & LYLE REFINERIES LTD.

Leon House, High Street, Croydon, CR9 3NH. *T.A.:* " Tatelyle Croydon."
*Tel.* 01-686 5656 *Telex:* 917184.

REFINERIES: *Thames Sugar Refinery, Silvertown, London, E.16, Tel.* 01-476 4455. 5, *Princes Street, Greenock, Renfrewshire. Tel.* (0475) 23346. *Love Lane Sugar Refinery, Love Lane, Liverpool,* 3. *Tel.* 051-207 3300.

*Chairman and Chief Executive:* Colin Lyle. *Deputy Chief Executive:* N. W. Cullen. *Directors:* J. E. Hobbs, M. J. Attfield, F. R. Clark, D. A. Tate, G. G. Cowpe, P. D. C. Greenway (*Marketing*). *Secretary:* C. P. McFie.

PARENT COMPANY: *Tate & Lyle Ltd.*

BRAND NAMES: *Lyle's Golden Syrup, MacFies.*

PRODUCTS: *Sugar, Syrup and Treacle.*

## TAVENER RUTLEDGE LTD.

68, Beech Street, Liverpool, L7 0HA. *T.A.:* "Eclair Liverpool 7."
*Tel.* 051-263 3451. *Telex:* 627275

*Chairman:* A. Hyde. *Group Managing Director:* Peter L. Aspinall. *Joint Managing Directors:* A. Black, J. S. Tavener, W. H. Tavener. *Sales Marketing Director:* G. A. Archer. *Director and Secretary:* S. Watson. *Production Manager:* B. G. Thompson. *Works Manager:* G. N. MacKenzie. *Sales/Marketing Manager:* G. A. Banks. *Engineer:* K. Barker. *Buyer:* K. N. Bryan.

SUBSIDIARY COMPANIES: *Taverner & Sons Ltd., Parkes Classic Ltd. H. W. Stewart Ltd.*

BRAND NAMES: *Tavener's Fruit Drops, Mojo, Princess, Quiz.*

**PRODUCTS:** ***Sweets (Boiled Sugar), Sweets (General).***

## TELFER, HENRY, LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II PURVEYORS OF PORK PIES*

Moulton Park, Northampton, NN3 1NP. *Tel. Northampton* (0604) 43656

*Chairman:* C. Brooks. *Managing Director:* M. S. Posner. *Directors:* R. C. Gennery, C. F. Kennedy, J. Nowell. *Secretary:* N. A. Corke.

PARENT COMPANY: *J. Lyons & Co. Ltd.*

PRODUCTS: *Meat Pies, Meat Products (Open Pack), Meat Products (Frozen Sausages.*

## TERRY, JOSEPH, & SONS LTD.

The Chocolate Works, Bishopthorpe Road, York., YO1 1YE.
*T.A.:* "Terry, York." *Tel. York* 26261. *Telex:* 57981

*Chairman:* Sir Charles Forte. *Managing Director:* I. H. Johnston. *Asst. Managing Director:* P. N. L. Terry, J.P. *Directors:* G. Harold Milner, R. L. Kenny, F.R.I.C., M.Chem.A., J. J. O'Brien, D. A. Beacon. *Secretary:* R. P. Davis. *Factory Manager:* A. J. Coward. *Marketing Manager:* L. E. Godfrey. *General Sales Manager:* B. J. Bowyer. *Engineer:* A. C. Hounam. *Chemist:* I. M. Read, B.Sc., L.R.I.C., I.S.S.T., M.R.S.H.

PARENT COMPANY: *Trust Houses Forte Ltd.*

BRAND NAMES: "1767", *All Gold, Spartan, Moonlight, Devon Milk, Waifa.*

PRODUCTS: *Chocolates, Sweets (General).*

## THOMAS & JONES (TEJAY) LTD.

14/18, Wellington Street Liverpool, L3 6EB. *Tel.* 051-207 0495

*Chairman and Managing Director:* D. D. Greville. *Director:* H. G. Beckett. *Secretary:* H. G. Beckett. *Factory Manager:* L. J. Smith. *Sales Manager:* H. G. Beckett. *Buyers:* D. D. Greville, H. G. Beckett.

BRAND NAMES: *Fruteful, Mellex, Sweet Sue, Tejay.*

PRODUCTS: *Fish (canned), Fruits (dried), Fruit (canned), Fruit fillings, Ice Cream Powder, Meat Products (canned), Vegetables (canned), Vegetables (dehydrated).*

## THOMPSON, INGRAM, & SONS LTD.

113, The Albany, Old Hall Street, Liverpool, L3 9EY.
*T.A.:* " Saltcastle Liverpool." *Tel.* 051-236 1579

WORKS: *Northwich, Cheshire. Tel. Northwich* 2066

*Directors:* Henry L. Thompson, Bruce Thompson. *Sales Manager:* J. B. Thompson.

PRODUCT: *Salt.*

## THOMPSON, J. W., (CHESTERFIELD) LTD.

Mothers Pride Bakery, Newbold Road, Chesterfield. *Tel. Chesterfield* 76265

PARENT COMPANY: *W. J. Brookes and Sons Ltd. (Ranks Hovis McDougall Group).*

BRAND NAME: *Mothers Pride.*

PRODUCTS: *Bread, Cakes.*

## THORNTON, J. W., LTD.

Archer Road, Millhouses, Sheffield, S8 0JW. *Tel. Sheffield* 53368

OTHER FACTORY: *The Castle Factory, Derwent Street, Belper, DE5 1WP.* *Tel. Belper* 2476

*President:* W. N. Thornton. *Chairman:* J. S. Thornton. *Directors:* A. H. Thornton, M. S. Thornton, P. N. Thornton, C. J. Thornton. *Secretary:* M. S. Thornton.

SUBSIDIARY COMPANY: *Rainbow's (Wetherby) Ltd.*

ASSOCIATED COMPANY: *Thornton's Chocolate Kabins Ltd.*

BRAND NAMES: *Kabin, Thorntons Special Toffee.*

PRODUCTS: *Chocolates, Sweets (Boiled Sugar), Sweets (General), Sweets (Toffees).*

## TIFFANY FOODS LTD.

Beeching Road, Bexhill-on-Sea, Sussex, TN39 3LJ. *Tel. Bexhill* (0424) 216704

*Managing Director:* D. G. Alfille. *Director:* C. A. Malpass. *Sales Manager:* K. D. Wilmore. *Company Food Technologist:* K. W. Blowers.

BRAND NAME: *Tiffany.*

PRODUCTS: *Fruit Pies (frozen), Meat Products (quick frozen), Pizza (frozen), Prepared Meals (quick frozen).*

## TILLEYS SWEETS LTD.

34, Gratton Road, Queens Park, Bedford, MK40 4EF. *Tel. Bedford* 53427

*Managing Director:* R. L. Hammond. *Director:* T. R. Hammond. *Secretary:* O. M. Hammond.

PRODUCT: *Sweets (Boiled Sugar).*

## TINDALL, A. W., LTD.

Barrington Mills, Holbeach, Spalding, Lincs., PE12 7LE. *Tel. Holbeach* 22228

*Managing Directors:* D. J. Bennett, P. Lown. *Directors:* F. K. Kingerley, Mrs. M. E. Nicholls, T. A. Bennett, R. T. Raven, D. K. Baker, M. Lown (*Secretary*).

PRODUCTS: *Flour, Flour (Self-Raising).*

## TIP TOP BAKERIES LTD.

Cray Avenue, Orpington, Kent, BR5 3RT. *Tel. Orpington* 25621

*Directors:* W. Garfield Weston, J. East, C. R. Balfour-Smith, J. K. Rhodes.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## TIZER LTD.

(*See A. G. Barr & Co.*)

**TORRANCE, R., & CO. LTD.**

Castlelaurie Works, Bankside, Falkirk. *Tel. Falkirk* 21785

*Directors:* R. Torrance, G. Torrance.

BRAND NAME: *Johnny Quickly.*

PRODUCTS: *Fish (Canned), Fruit (Canned), Mushrooms (Canned), Puddings (Canned Sweet), Vegetables (Canned).*

**TORRING & STOCKWELL LTD.**

63-65, Crutched Friars, London, E.C.3. *T.A.:* " Rajateas London."
*Tel.* 01-480 6236

SUBSIDIARY COMPANIES: *Rajah Tea Co., Taralouva Tea Co.*

BRAND NAMES: *Rajah, Taralouva, Glenetta.*

RODUCTS: *Coffee, Tea.*

**TOWERS OF STAFFORD**

57 Gaol Road, Stafford. *Tel. Stafford* (0785) 51244

*Chairman:* J. B. Buxton. *General Manager:* G. H. Stepney. *Directors:* R. J. Andrew, M.B.E., J.P., T. Brodrick, R. J. Burgess, M.Inst.M., G. H. Stepney, M.Inst.M., M. J. Plummer. *Secretary:* M. M. Acocks. *Production Manager:* B. Seddon. *Factory Manager:* R. M. Stokes. *Sales Manager:* T. Carberry. *Engineer:* R. Hiscott.

PARENT COMPANY: *Towers & Co. Ltd.*

PRODUCTS: *Ham, Meat Products (Open Pack), Sausages.*

**TREAT PRODUCTS LTD.**

Manston Lane, Crossgates, Leeds, LS15 8SX. *Tel.* 0532 602121

SUBSIDIARY COMPANY: *Hulley's Dairy Ltd.*

BRAND NAME: *Treat Top Taste.*

PRODUCTS: *Ice Cream, Ice Cream (Dairy), Ice Lollies.*

**TREBOR SHARPS LTD.**

Trebor House, Woodford Green, Essex. *T.A.:* " Treborchoc, Woodford Green."
*Tel.* 01-550 6611

OTHER FACTORIES: *Trebor Works, Chesterfield, Derbyshire. Tel.* 0246 3221. *Trebor Works, Katherine Road, London, E.7. Tel.* 01-472 0172. *Kreemy Works, Maidstone, Kent. Tel.* 0622 57421. *Waterden Road, London, E.15. Tel.* 01-985 5599.

*President:* S. J. Marks, C.B.E., T.D. *Chairman:* J. G. Marks. *Managing Director:* I. R. Marks. *Directors:* E. A. Marks, C. R. Robertson. *Secretary:* E. G. Thorne. *Executive Directors:* D. Stanley (*Sales & Marketing*), F. Reed (*Production*), C. Broom (*Purchasing*), A. C. Benn (*Overseas*), G. M. Elbourne (*Planning*), R. A. Campbell (*Customer Services*), J. Tibbles (*Finance*), A. C. Chapman (*Personnel*), E. G. Thorne (*Administration*).

SUBSIDIARY COMPANY: *A. T. Moffat Ltd.*

BRAND NAMES: *Trebor, Sharps, Clarnico.*

PRODUCTS: *Chocolates, Sweets (Boiled Sugar), Sweets (General), Sweets (Liquorice), Sweets (Toffees).*

**TRUST HOUSES FORTE LTD.**

166, High Holborn, London, WC1V 6PF. *Tel.* 01-836 1213

SUBSIDIARY COMPANY: *Joseph Terry & Sons*

## TUDOR FOOD PRODUCTS

Stephenson Road, Peterlee, Co. Durham, SR8 5AY. *Tel. Peterlee* 2351
*Telex:* 537017

*Chairman:* Sir Rupert M. Speir. *Managing Director:* E. N. T. Smith. *Directors:* R. K. Swanson, P. W. Ford, D. A. Lundie, S. W. Swanson, C. de Jong. *Secretary:* I. Walton. *Operations Manager:* W. Maxwell. *Marketing Manager:* R. McKechnie. *General Sales Manager:* R. Miller. *Engineer:* F. Turner. *Technical Manager:* T. A. Burdon.

PARENT COMPANY: *General Mills, Inc. (U.S.A.).*

BRAND NAMES: *Tudor, Tags, Rustlers, Rolls, Topcorn.*

PRODUCTS: *Peanut Products, Peanuts (Salted), Potato Crisps, Snack Products.*

## TURBAN FOODS LTD.

Hamblin Gardens, Woodbridge, Suffolk. *Tel. Woodbridge* 3462.
*Telex:* Turban Woodbridge 98357

*Chairman:* G. F. Deeprose. *Managing Director:* G. A. Thomas. *Secretary:* R. F. Hill.

PARENT COMPANY: *Field & Co. Ltd.*

BRAND NAME: *Turban.*

PRODUCTS: *Dates (pre-packed), Fruit (dried), Nuts (pre-packed), Breakfast Cereals.*

## TURNER, RON, LTD.

Wharncliffe Road, Fish Docks, Grimsby. *T.A.:* "Matador Grimsby."
*Tel. Grimsby* 57008

*Chairman:* P. R. Lovell. *Managing Director:* J. Rigby. *Directors:* R. N. Gibson, R. W. Priestley, A. R. Turner. *Factory Manager:* F. Burnett. *Buyer:* J. Rigby.

PARENT COMPANY: *Brekkes Ltd.*

BRAND NAME: *Sea-Fro.*

PRODUCT: *Quick Frozen Fish.*

## TURNER, W. A., LTD.

Broadwater Lane, Tunbridge Wells, Kent. *Tel. Tunbridge Wells* 23281

*Chairman and Managing Director:* P. L. Martin. *Directors:* E. T. Martin (*Danish*), F. G. Elmes, Miss Sally Martin (*Technical Director*). *Secretary:* E. T. Martin. *Production Manager:* P. Calvert. *Factory Manager:* D. Jolley. *Buyer:* D. Coates.

BRAND NAME: *Noted Stowmarket.*

PRODUCTS: *Meat Products (Quick Frozen), Meat Pies, Meat Products (Open Pack), Pastry (Puff), Pastry (Short), Prepared meals (Quick Frozen), Sausages, Sausages (Quick Frozen).*

## TWINING, R., & CO. LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II*
*TEA AND COFFEE MERCHANTS*
*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER*
*TEA AND COFFEE MERCHANTS*

South Way, Andover, Hants., SP10 5AB. *T.A.:* "Twining Andover."
*Tel. Andover* 62161. *Telex:* 47218

*Managing Director:* B. J. Evans. *Deputy Managing Director:* E. C. T. Holmes. *Directors:* R. W. Gurney, S. H. G. Twining, T. C. Twining, P. M. Clode, T. A. Hinch, B. H. Funnell.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

BRAND NAMES: *Twinings, Red White & Blue Coffee, Nectar Tea.*

PRODUCTS: *Coffee, Coffee (Instant), Tea.*

## UGLOWS BAKERIES LTD.

Burrington Way, Plymouth. *Tel. Plymouth* 75511

PARENT COMPANY: *Hill Palmer & Edwards Ltd (Ranks Hovis McDougall Group).*

PRODUCTS: *Bread, Cakes.*

## ULSTER FARMERS' BACON CO. (NEWRY) LTD.

92, Armagh Road, Newry, Northern Ireland. *Tel. Newry* 3171

*Managing Director:* G. J. Pennick. *Directors:* J. Cameron, C.A., W. P. Anderson, J. F. L. Denny, R. E. Thompson, R. Jordan. *Secretary:* P. D. H. Simms, A.C.C.A. *Factory Manager:* W. Robinson. *Engineer:* W. H. McAlpine.

ASSOCIATED COMPANIES: *Pigs Marketing Board for Northern Ireland, E. M. Denny (Holdings) Ltd.*

PRODUCTS: *Bacon, Ham, Lard.*

## UNDERWOOD & BARKER LTD.

Radford Way, Billericay, Essex. *T.A.:* " Unbarchem."
*Tel. Billericay* (027-74) 4658

*Chairman and Managing Director:* H. S. A. Rothon. *Technical Director:* W. L. Rothon, B.Sc. *Sales Director:* P. L. Rothon. *Secretary:* J. A. Rothon. *Production Manager:* W. R. J. McGee. *Buyer:* J. M. Loader.

BRAND NAME: *Unbar.*

PRODUCTS: *Essences, Colourings and Flavours, Spices.*

## UNGER MEATS LTD.

M/c Meat Centre, Riverpark Road, Manchester, M10 6XT.
*T.A.* "Oxmoor." *Tel.* 061-223 2724.

*Managing Director:* B. M. Unger. *Directors:* P. C. Unger (*Marketing*), E. McLachlan (*Works*), R. Clowes (*Sales*). *Secretary:* F. Pollitt. *Production Manager:* E. W. Caseley. *Factory Manager:* E. McLachlan. *Buyer:* B. M. Unger.

BRAND NAME: *Hostess.*

PRODUCT: *Meat Products (quick frozen).*

## UNIGATE LTD.

34, Palace Court, London, W2 4HX. *Tel.* 01-229 2400. *Telex:* 23753

*Chairman:* Sir James Barker, M.B.E. *Deputy Chairman:* Kenneth W. Pocock. *Vice Chairmen:* Ben Davies, H.M. Newton-Clare. *Directors:* A. W. John, C.B.E., L. F. Murphy, L. M. Price, Lord Netherthorpe, H. Q. Davies, D. W. Hood, J. Clement, B. S. Kellett, J. L. Rogers. *Secretary:* Edward C. Bartlett, F.C.I.S.

SUBSIDIARY COMPANIES: *include Cow & Gate Ltd., Unigate Foods Ltd., Midland Counties Dairy Ltd., United Dairies (London) Ltd., Bedington Nut & Produce Co. Ltd., Malgavita Ltd., Scot Bowyers Ltd.*

BRAND NAMES: *Bowyers, Cow & Gate, Farmer's Wife, St. Ivel, Scot, Trufood.*

PRODUCTS: *Bacon, Butter, Butter Milk Powder, Cheese, Cheese (Lactic), Cheese (Processed), Cheese Spread, Cheese (Stilton), Cream (Fresh and Canned), Meat Pies, Ham, Meat Products (open pack), Milk (Evaporated and Condensed), Milk Powder, Pastes (Fish), Pastes (Meat), Puddings (Canned) Milk, Sausages, Whey Powder, Yogurt.*

## UNILEVER LTD.

Unilever House, London, EC4P 4BQ. *T.A.:* "Unilever, Telex, London." *Telex:* 28395. *Tel.* 01-353 7474

*Chairman:* D. A. Orr. *Vice-Chairmen:* G. D. A. Klijnstra, S. G. Sweetman. *Directors:* A. I. Anderson, M. R. Angus, Dr. J. G. Collingwood, K. Durham, J. P. Erbé, G. E. Graham, H. F. van den Hoven, A. H. C. Hill, W. B. Blaisse, F. A. Maljers, M. Ormerod, I. E. B. Quarles van Ufford, Lord Trenchard, Dr. J. M. Goudswaard, E. J. Verloop, R. H. Del Mar, C. T. C. Heyning, A. W. P. Stenham, C. F. Sedcole, K. H. Veldhuis. *Advisory Directors:* The Viscount Leverhulme, Sir Frank Roberts, Milton C. Mumford, Lord O'Brien of Lothbury. *Secretaries:* H. A. Holmes, C. Zwagerman.

SUBSIDIARY COMPANIES: *Batchelors Foods Limited, Birds Eye Foods Ltd., Food Industries Ltd., Robert Lawson & Sons (Dyce) Ltd., Mac Fisheries Ltd., Midland Poultry Ltd., Mattesons Meats Ltd., Richmond Sausage Co. Ltd., Liverpool, Smethursts Foods Ltd., Van den Berghs and Jurgens Ltd., T. Wall & Sons Ltd., John West Foods Ltd.*

## UNITED BISCUITS (HOLDINGS) LTD.

GROUP HEADQUARTERS: *Syon Lane, Isleworth, Middx.* *Tel.* 01-560 3131

*Registered Office:* 12, Hope Street, Edinburgh.

*Hon. Life President:* Sir Peter G. MacDonald, J.P., D.L., W.S. *Chairman:* Hector Laing. *Vice-Chairman:* Sir Kenneth Barrington, F.C.A. *Deputy Chairman:* J. P. Mann, M.C. *Directors:* C. A. Bystram, H. A. Clark, W. P. Gunn, C.A., M. A. Heller, M.A., F.C.A., I. W. Macdonald, M.A., D.Litt., C.A., J. Prior, M.P., A. E. Larkin. *Secretary:* D. R. J. Stewart, M.A., LL.B., C.A.

SUBSIDIARY COMPANY: *United Biscuits Ltd.*

## UNITED BISCUITS LTD.

*Registered Office:* 12, Hope Street, Edinburgh 2.

GROUP HEADQUARTERS: *Syon Lane, Isleworth, Middx.* *T.A.:* "Ubisco." *Tel.* 01-560 3131. *Telex:* 265120

FACTORIES: *Regal House, London Road, Twickenham, Middx., TW1 3QU.* *Tel.* 01-568 8844. *Waxlow Road, Harlesden, London, N.W.10.* *Tel.* 01-965 5787. *Crossley Road, Manchester, 19.* *Tel.* 061-432 0202. *Imperial Biscuit Works, Isleworth, Middx.* *Tel.* 01-560 3131. 35, *Clydeford Drive, Glasgow, E.2.* *Tel.* 041-554 4353. *Binns Road, Liverpool, 7.* *Tel.* 051-228 4828. *Smisby Road, Ashby-de-la-Zouch.* *Tel. Ashby* 2771. *Club Lane, Ovenden, Halifax.* *Tel. Halifax* 65831.

*Chairman:* Hector Laing. *Deputy Chairman:* J. P. Mann, M.C. *Directors:* J. Blyth, C.A., W. P. Bowman, O.B.E., C. A. Bystram, H. A. Clark, LL.B., R. C. Clarke, A. S. Crawford, J. C. Finlayson, W. P. Gunn, C.A., D. R. Hoyle, J. M. B. MacMillan, M.C., T. R. Niven, I. A. Petrie, J. P. M. Wardell. *Secretary:* D. R. J. Stewart, M.A. LL.B., C.A.

PARENT COMPANY: *United Biscuits (Holdings) Ltd.*

SUBSIDIARY COMPANIES: *D. S. Crawford Ltd., McVitie & Cadbury Cakes Ltd., Carrs of Carlisle Ltd.*

BRAND NAMES: *McVities, Macfarlanes, Crawfords, Macdonalds, Meredith and Drew, K.P.*

PRODUCT: *Biscuits.*

## UNITED DAIRIES (LONDON) LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II SUPPLIERS OF DAIRY PRODUCE*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER SUPPLIERS OF DAIRY PRODUCE*

Wood Lane, Shepherds Bush, London, W.12. *Tel.* 01-743 2010

PARENT COMPANY: *Unigate Ltd.*

## USHER, THOMAS & SON LTD.

115-153, Glover Street, Perth. *Tel. Perth* 25292

*Chairman:* F. D. Nicholson. *Managing Director:* H. M. Inglis. *Directors:* P. D. Nicholson, I. G. Donaldson. *Secretary:* T. E. Shields. *Production Manager:* W. Chamberlain. *Factory Manager:* J. Urquhart. *Sales Marketing Manager:* D. G. Mackay. *Engineer:* T. Dalgleish. *Chemist:* B. Heard.

PARENT COMPANY: *Vaux & Associated Breweries Ltd.*

PRODUCTS: *Soft Drinks, Table Waters.*

## VALE OF MOWBRAY BACON CO. LTD.

Leeming Bar, Northallerton, Yorks. *Tel. Bedale* 2-2661

*Chairman:* Sir John Stratton, C.B.E. *Director:* G. M. Sandiford. *Secretary:* R. Beck.

PARENT COMPANY: *C. & T. Harris (Calne) Ltd., (F.M.C. Group).*

PRODUCTS: *Bacon, Ham, Lard Meat Pies, Meat Products (open pack), Sausages.*

## VALVONA ICE BISCUIT CO. LTD.

Clay Street, Oldham, Lancs. *Tel.* 061-624 4646

*Chairman and Managing Director:* T. A. Koenen. *Director:* Mrs. E. G. Koenen. *Secretary:* N. S. Koenen.

PRODUCT: *Biscuits (Wafer).*

## VAN DEN BERGHS (A division of Van den Berghs and Jurgens Ltd.)

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II MANUFACTURERS OF MARGARINE*

Sussex House, Burgess Hill, West Sussex, RH15 9AW.
*Tel. Haywards Heath* 58100
*T.A.:* "Van den Bergh Burgess Hill." *Telex:* 877381

*Managing Director:* H. R. Darby.

BRAND NAMES: *Blue Band (Soft), Stork (Soft), Summer County (Soft), Echo, Flora, Outline, Spry, Spry 'Crisp'n Dry', Tomor, Cookeen, White Cap.*

## VAN DEN BERGHS & JURGENS LTD.

Sussex House, Burgess Hill, West Sussex, RH15 9AW.
*T.A.:* "Vanjur, Burgess Hill."
*Tel. Haywards Heath* 58100. *Telex:* 877381

FACTORIES: *Bromborough, Cheshire. Tel. Bromborough* 4070. *Purfleet, Essex. Tel. Purfleet* 3300. *Greenock, Renfrewshire. Tel. Greenock* 24306.

*Chairman:* G. I. Grant. *Vice-Chairman:* H. R. Darby. *Directors:* W. H. Bouldin, W. B. Opfer, P. James. *Secretary:* D. G. Campbell. *Production Managers:* F. I. Cottrell (*Bromborough*), C. B. Read (*Purfleet*). *Factory Managers:* R. L. *agers:* F. I. Cottrell (*Bromborough*), C. B. Read (*Purfleet*). *Factory Managers:* R. L. Wetherall (*Purfleet*), T. P. Parry (*Bromborough*), I. G. R. Jolley (*Greenock*). *Engineers:* M. J. Potter (*Purfleet*), H. Matthews (*Bromborough*). *Chemists:* Dr. G. H. Neal (*Purfleet*), Dr. A. D. Scott (*Bromborough*). *Buyer:* J. F. M. Bangert.

PARENT COMPANY: *Unilever Ltd.*

DIVISIONS: *Van den Berghs, Managing Director:* H. R. Darby. *Craigmillar, Managing Director:* D. H. Clarke. *Cool Country, General Manager:* D. J. Cross.

PRODUCTS: *Margarine, Cooking Fat, Corn Oil (maize oil), Edible Oil.*

## VAN MELLE LTD.

Western Way, Bury St. Edmunds, Suffolk.
*T.A.:* "Mellecon, Bury St. Edmunds."
*Telex:* 81596. *Tel. Bury St. Edmunds* 3381

*Directors:* G. A. P. Van Melle, J. P. Van Melle, J. W. H. Hellendoorn. *Factory Manager:* R. Weatherley. *Sales Manager:* I. Eley. *Engineer:* D. Rogers.

PARENT COMPANY: *Van Melle N.V. (Netherlands).*

BRAND NAME: *Fruittella.*

PRODUCTS: *Chocolates, Sweets (Boiled Sugar), Sweets (General), Sweets (Toffees).*

## VEDA LTD.

4, Randolph Crescent, Edinburgh, EH3 7TH. *Tel.* 031-255 4316

FACTORIES: *Perth, Tel.* 0738 23383 *and Blackford, Tel.* 076482 289, *Perthshire.*

*Chairman and Managing Director:* R. M. Morrison, C.A. *Directors:* Mrs. S. Chalmers Miller, R. Young, C.A., G. C. Miller. *Secretary:* E. Johnston. *Factory Manager:* P. Lumsden.

SUBSIDIARY COMPANY: *Gleneagles Maltings Ltd., Veda Health Foods Ltd.*

BRAND NAME: *Veda.*

PRODUCTS: *Flour, Flour (Malted).*

## VEERASWAMY'S (FOOD PRODUCTS) LTD.

20, Swallow Street, London, W1R 7HE. *Tel.* 01-437 1414

PRODUCTS: *Curry (Canned), Curry Powder, Meat Products (Canned), Soup (Canned).*

## VESOP PRODUCTS LTD.

498, Hornsey Road, London, N19 4EF. *Tel.* 01-272 2457

*Managing Director and Chemist:* Dr. J. Bondi, F.R.I.C. *Director:* J. Frohwein.

BRAND NAMES: *Bondi's, Vesop, APA Vanilla Sugar.*

PRODUCTS: *Condiment, Macaroni Products, Mustard, Mustard (French), Potato Crisps, Salad Cream, Vegetable Extracts.*

## VINCENT, HARRY, LTD.

Bromsgrove Road, Hunnington, Halesowen, West Midlands, B62 0EN.
*T.A.:* "Bluebird Birmingham." *Tel.* 021-550 1174

*Chairman and Managing Director:* S. T. Bridgewater. *Directors:* F. A. Oliver, K. E. Symonds, Edward Nassar, P. H. Taylor, F.R.I.C.S., T. Nutt (*Secretary*). *Production Manager:* F. A. Oliver. *Factory Manager:* F. L. Cattle. *Sales Manager:* K. E. Symonds. *Buyer:* Miss B. C. Churchill.

SUBSIDIARY COMPANIES: *Blue Bird Confectionery Ltd., Stobbs Bros. Ltd., R. Stobbs & Sons Ltd., Gordon Robinson & Sons Ltd.*

BRAND NAME: *Blue Bird.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (General), Sweets (Toffees).*

## VIOTA FOODS LTD.

Port Causeway, Bromborough, Cheshire. *Tel.* 051 334 6261
*Telex:* 627032

*Chairman:* R. C. Robertson. *Managing Director:* R. J. Addison. *Secretary:* J. M. Bradbury. *Engineer:* F. H. Dunn. *Chemist:* R. J. A. Reid.

PARENT COMPANY: *Robertson Foods Ltd.*

ASSOCIATED COMPANIES: *James Robertson & Sons, Preserve Manufacturers Ltd., Quantock Preserving Co. Ltd., British Canners Ltd., Robertson Foods International Ltd., Peny, S.A. (France).*

BRAND NAMES: *Viota, Economix, Honeycomb Mould.*

PRODUCTS: *Batter Mixes, Breakfast Cereals, Cake Mixes, Pudding Mixes.*

## WALDENS WILTSHIRE FOODS LTD.

Ladydown, Trowbridge, Wilts. *T.A.:* " Freezer Trowbridge."
*Tel. Trowbridge* (022 14) 3636

*Chairman:* H. J. Walden. *Managing Director:* J. Walden. *Directors:* M. H. Walden, B. R. Walden, A. E. Seymour. *Secretary:* G. H. Norris. *Engineer:* E. Long. *Buyer:* G. T. R. Read.

BRAND NAMES: *Waldens, Waldens Superchef.*

PRODUCTS: *Quick Frozen Prepared Foods (Pastry Products), Prepared Meals (Quick Frozen).*

## WALKERS CRISPS LTD.

Feature Road, Thurmaston, Leics. *Tel. Syston* 5151

*Chairman:* R. E. Gerrard. *Managing Director:* A. Reeve. *Directors:* J. R. Cullip, N. B. Hazeldine, H. W. Higginson, A. R. Pendry, F. R. Johnson, S. Westby. *Secretary:* J. H. Bending.

FACTORIES: *Barkby Road, Leicester. Tel.* 768456. *Cobden Street, Leicester. Tel.* 51544.

PARENT COMPANY: *Standard Brands Ltd.*

BRAND NAME: *Walkers.*

PRODUCTS: *Potato Crisps, Snack products.*

## WALKER'S NONSUCH LTD.

Calverley Street, Longton, Stoke-on-Trent, Staffs, ST3 1QS.
*T.A.:* "Nonsuch Stoke-on-Trent." *Tel. Stoke-on-Trent* 34259

*Directors:* E. J. Walker, I. M. Walker, L. V. Walker. *Secretary:* C. Jackson.

BRAND NAMES: *Nonsuch, Blue Churn.*

PRODUCT: *Sweets* (*Toffees*).

## WALL, T., & SONS (ICE CREAM) LTD.

Wall's House, Gloucester, GLA 7HB. *T.A.:* " Stopme Gloucester."
*Tel. Gloucester* 21521 *Telex:* 43157

OTHER FACTORY: *The Friary, London, W.*3. *Tel.* 01-992 3456.

*Chairman:* J. D. O. Knowles. *Vice-Chairman:* M. G. Moss. *Directors:* J. R. Barrett, R. Borgers, J. P. Reilly, L. A. Lewis. *Secretary:* R. O'Connor.

PARENT COMPANY: *T. Wall & Sons Ltd.*

PRODUCTS: *Biscuits* (*Wafer*), *Ice Cream, Ice Lollies, Mousse.*

## WALL'S MEAT CO. LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II SUPPLIERS OF SAUSAGES AND MEAT PIES*
*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER SUPPLIERS OF PORK SAUSAGES AND MEAT PIES*

Wall's House, Old Oak Lane, London, NW10 6DJ.
*T.A.:* "Sausages, London, N.W.10."
*Tel.* 01-965 6543

FACTORIES: *Atlas Road, London, NW*10 6*DJ*. *Tel.* 01-965 6543, *Godley, Cheshire, Tel. Hyde* 1881; *Silverdale Road, Hayes, Tel.* 01-573 5211; *Bridge Road, Southall, Middlesex, Tel.* 01-574 2371; *Evesham, Worcs., Tel.* 0386 3331.

*Chairman:* D. Angel. *Directors:* J. R. B. Zeeuw, J. C. Demmar, A. E. Ellis, L. G. Lelliott, P. W. G. Phillips, A. J. Seymour, Viscount Trenchard, R. J. Denning. *Secretary:* D. P. Bell. *Production Managers:* M. Ross (*South*), B. W. Cook (*North*). *General Marketing Manager:* R. R. Rosenbaum. *General Sales Managers:* P. R. Nightingale (*South*), A. A. Willis (*North*). *Company Chief Chemist:* Dr. R. S. Hannan. *Buyer:* P. Backlog.

PARENT COMPANY: *T. Wall & Sons Ltd.*

SUBSIDIARY COMPANY: *W. H. Smart & Co. Ltd.*

PRODUCTS: *Bacon, Ham, Lard, Meat Pies, Meat Products* (*Canned*), *Meat Products* (*Open Pack*), *Sausages.*

## T. WALL & SONS LTD.

PARENT COMPANY: *Unilever Ltd.*

SUBSIDIARY COMPANIES: *Wall's Meat Co. Ltd., T. Wall & Sons* (*Ice Cream*) *Ltd.*

## WALLER & HARTLEY LTD.

George Street, Blackpool, Lancs. *Tel. Blackpool* 32423

PARENT COMPANY: *Barker & Dobson Ltd.*

SUBSIDIARY COMPANIES: *Angus Confections Ltd., Lemon & Co. Ltd., White, Hudson & Co. Ltd., Edward McGregor Ltd., H. Jenkins of Skewen Ltd., Waller & Hartley* (*Wholesale*) *Ltd.*

BRAND NAMES: *Milady Toffee, Evercreme, Hacks, Waller's.*

PRODUCTS: *Chocolates, Sweets* (*General*).

## WALLER, GEORGE, (MEAT PRODUCTS) LTD.

Church Road, Harold Wood, Romford, Essex, RM3 0JH.
*Tel. Ingrebourne* 41141

*Chairman:* G. M. Stitcher. *Directors:* A. H. May, K. May. *Factory Manager:* S. Gunning. *Buyers:* A. H. May (*Meat*), S. Gunning (*Packaging*).

**BRAND NAME:** ***Waller's.***

**PRODUCTS:** ***Meat Products (Open Pack), Quick Frozen Meat, Quick Frozen Meat Products, Quick Frozen Sausages, Sausages.***

## WALTERS BISCUITS LTD.

27-29, Brunel Road, London, W3 7UJ. *Tel.* 01-743 3421
*Directors:* W. Garfield Weston, G. H. Weston, C. R. Burnett (U.S.A.).

PARENT COMPANY: *Weston Foods Ltd. (Weston Group).*

PRODUCT: *Potato Puffs.*

## WANDER LTD.

Station Road, Kings Langley, Herts., WD4 8LJ.
*T.A.:* "Ovaltinus, Kngly." *Tel. Kings Langley* 66122.
*Telex: Kings Langley* 922747

*Chairman:* Dr. A. Wander. *Secretary:* G. W. Cooper. *Factory Manager:* Dr. B. Nicholls. *Marketing Manager:* P. L. Lansel.

PARENT COMPANY: *Wander Ltd. Berne.*

ASSOCIATED COMPANY: *Sandoz Products Ltd.*

BRAND NAMES: *Contour, Ovaltine.*

PRODUCTS: *Chocolate (drinking), Diabetic Chocolate, Baby Foods, Malt Extract, Malted Foods, Milk (instant) Low-Fat, Dietetic Foods.*

## WARE CARNEGIE LTD.

Manor Lane, London, SE12 0TY. *Tel.* 01-852 3333

*Chairman:* Alan Emery. *Joint Managing Directors:* Robin Carnegie, William Ware.

SUBSIDIARY COMPANY: *Chiltonian Ltd.*

## WARD, N.Y.P., & CO. LTD.

Oakhanger, nr. Bordon, Hants. *T.A.:* "Yeoward, Bordon."
*Tel. Bordon* 2021. *Telex:* 85281

*Chairman and Managing Director:* N. P. Ward. *Director:* E. D. Ward (*Sales*).

BRAND NAME: *Easilife.*

PRODUCT: *Meat Products (Canned).*

## WATSON & PHILIP (MANUFACTURING) LTD.

Blackness Buildings, Blackness Road, Dundee, DD1 9PU.
*Tel. Dundee* 21411

FACTORY: *Woodilee Industrial Estate, Kirkintilloch, Dunbartonshire. Tel.* 041-776 6101.

*Chairman:* Herbert D. Philip. *Managing Director:* Harold V. Gardner. *Directors:* Francis L. Philip, Iain D. R. Philip, James C. Hadden, James B. Thomson, John McGill, Iain F. Philip. *Secretary:* James C. Hadden. *Production Manager:* J. Thomson. *Factory General Manager:* J. M. S. Borland.

PARENT COMPANY: *Watson & Philip Ltd.*

BRAND NAMES: *Phil-mallow, Honeycloud, Gingercloud, Pinnacle.*

PRODUCTS: *Cake Mixes, Chocolates, Cornflour, Custard Powder, Jam, Lemon Curd, Mincemeat.*

## WATT, McKELLAR, LTD.

17, Old Shettleston Road, Glasgow, G32 7ES. *Tel.* 041-778 9123

*Chairman:* A. McKellar Watt. *Managing Director:* G. M. Ward. *Directors:* P. A. Watt. *Secretary:* G. W. Lilley. *Manufacturing Manager:* J. R. Davidson. *Marketing Manager:* H. J. McDermid (*England*). *Technical Manager:* Keith Cunningham. *Buyer:* W. C. Sloan.

BRAND NAME: *McKellar Watt's.*

PRODUCTS: *Meat Pies, Meat Products (Open Pack), Sausages.*

## WEETABIX LTD.

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER MANUFACTURERS OF BREAKFAST CEREALS*

Weetabix Mills, Burton Latimer, Kettering, Northants., NN15 5JR.
*T.A.:* "Weetabix Telex Kettering"
*Telex:* 34685. *Tel. Burton Latimer* 2181

*Joint Managing Directors:* W. A. George (*Chairman*), F. A. Giffen. *Directors:* H. Reynolds, P. Amos, R. Richards, E. C. Thornton, R. W. George, Z. A. Zanker (*Secretary*).

SUBSIDIARY COMPANY: *Vibixa Ltd.*

BRAND NAMES: *Alpen, Weetabix.*

PRODUCTS: *Breakfast Cereals, Flour, Flour (Self-Raising).*

## WELCH & SONS LTD.

Norham Road, West Chirton, Tynemouth, NE29 7TT.
*T.A.:* "Sweets North Shields." *Tel. North Shields* 70101.
*Telex:* 537249

*Managing Director:* A. I. Welch. *Director:* E. B. Smallman. *Production Manager:* C. H. Benson. *Sales Manager:* A. Hastings.

SUBSIDIARY COMPANY: *H. W. Atterton Ltd.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (General), Sweets (Toffees).*

## WELLS LTD., D. & E.

Sunshine Bakeries, Summerville, Glasgow Road, Dumfries.
*Tel. Dumfries* 5244

*Chairman:* W. E. Nash. *Directors:* Mrs. E. Wells, J. S. Harvey, R. S. Prest, D. G. Wells. *Secretary:* P. J. Whitechurch, F.C.I.S.

PARENT COMPANY: *Spillers-French Baking Ltd.*

PRODUCTS: *Bread, Cakes.*

## WEST COUNTREE CONFECTIONERY CO. LTD.

Brunel Road, Newton Abbot, Devon, TQ12 4PF. *Tel. Newton Abbot* 2442

*Chairman:* D. H. Pollard. *Directors:* K. J. Pollard, D. C. Pollard. *Secretary* D. C. Pollard.

ASSOCIATED COMPANY: *Pollards Confections Ltd.*

BRAND NAMES: *Winnacott, Armada.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (General).*

## WESTBURN SUGAR REFINERIES LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II*
*SUGAR REFINERS AND PURVEYORS*

Berry-yards Refinery, 150, Lynedoch Street, Greenock, Renfrewshire.
*Tel. Greenock* 21241. *Telex:* 77522

*Chairman:* J. W. Ashford. *Managing Director:* D. A. Kerr. *Directors:* A. C. R. Howman, H. R. Spencer, J. Moore, W. B. Cram, F.C.I.S. (*Secretary*).

PARENT COMPANY: *Manbré & Garton Ltd.*

PRODUCTS: *Sugar, Syrup and Treacle*

## WESTON, GEORGE, HOLDINGS LTD.

40, Berkeley Square, London, W1X 6BR. *T.A.:* " Garwest, London, W.1."
*Tel.* 01-499 8931

SUBSIDIARY COMPANIES: *Associated British Foods Ltd., Fortnum & Mason Ltd.*

## WESTON FOODS LTD.

Quality House, Vicarage Lane, Blackpool, Lancs., FY4 4NQ.
*T.A.:* "Quality Blackpool." *Tel. Blackpool* 66188

*Chairman:* G. H. Weston. *Managing Director:* F. Simpson. *Directors:* W. Garfield Weston, D. E. Guy, N. V. Denwood, L. B. Daw, F. A. Smith, B. Gilpin, A. R. Land. *Secretary:* K. C. Downham.

PARENT COMPANY: *Associated British Foods Ltd.* (*Weston Group*)

SUBSIDIARY COMPANIES: *Burton's Gold Medal Biscuits Ltd., Nelson Preserving Co. Ltd., Rishy Crisps Ltd., Walters Biscuits Ltd., XL Crisps Ltd.*

## WESTON, H., & SONS LTD.

Much Marcle, Ledbury, Herefordshire, HR8 2NQ. *Tel.* 053 184 233

*Directors:* Norman H. Weston, W. H. Jaine (*Marketing*), F. W. Weston, D. A. Weston. *Secretary:* W. J. Lewis. *Production Manager and Factory Manager:* N. H. Weston. *Engineer:* L. C. Badham. *Chemist:* N. J. Howes. *Buyers:* N. H. Weston, W. J. Lewis.

PRODUCTS: *Cider, Perry.*

## WESTPHALIA PUMPERNICKEL CO. LTD.

2, Leswin Place, London, N16 7NJ. *Tel.* 01-254 2329

*Managing Director:* Julius Trapow. *Directors:* John L. Trafford, Charles J Trafford. *Secretary:* J. L. Trafford.

PARENT COMPANY: *J. Trapow Ltd.*

SUBSIDIARY COMPANY: *C. & J. Trafford Co.*

BRAND NAME: *M. & T.*

PRODUCTS: *Biscuits, Cheese, Cocktail Sundries, Fish (Canned), Pumpernickel, Sausages.*

## WHIT PRODUCTS LTD.

Factory Road, Tipton, Staffordshire. *Tel.* 021-557 7651

FACTORY: *Barnfield Road, Tipton.*

*Chairman and Managing Director:* K. F. Whittle. *Director: Mrs. M. Whittle. Executive Director:* C. B. Sofe. *Secretary:* Mrs. M. Whittle. *Factory Manager:* C. B. Sofe. *Buyer:* Mrs. B. Sofe.

ASSOCIATED COMPANIES: *Whit Products (Direct Supplies) Ltd., Whit Products Dehydration Ltd., Protein Foods (U.K.) Ltd.*

BRAND NAME: *K.V.E.*

PRODUCT: *Snack products.*

## WHITBREAD & CO. LTD.

SUBSIDIARY COMPANIES: *Llanfoist Table Waters Ltd., R. White & Sons Ltd.*

## WHITE, HUDSON & CO. LTD.

Shakespeare Street, Southport, Lancs. *T.A.:* "Hacks Southport."
*Tel. Southport* 4124

*Chairman:* R. L. Corson. *Managing Director:* P. L. Aspinall. *Directors:* G. N. MacKenzie, A. D. Inglis. *Secretary:* H. K. Winstanley. *Production Manager:* C. A. W. Sherman.

PARENT COMPANY: *Waller & Hartley Ltd.*

BRAND NAMES: *Hacks, Nurse Grants, West End.*

PRODUCTS: *Sweets (Boiled Sugar), Sweets (General), Sweets (Toffees).*

## WHITE, R., & SONS LTD.

Winsor Terrace, Beckton, London, E.6. *Tel.* 01-476 1488

*Chairman:* G. R. Seymour. *Managing Director:* B. W. King. *Directors:* A. A. Vokins, J. P. Anson, P. A. Cox, M. D. Skyme, T. Fitch. *Secretary:* J. P. Anson. *Production and Factory Manager:* R. Keating. *Sales/Marketing Manager:* D. A. Hope. *Engineer:* A. A. Vokins. *Chemist:* J. G. Rimmer. *Buyer:* Miss D. Hacker.

PARENT COMPANY: *Whitbread & Co. Ltd.*

BRAND NAMES: *Chandy, Glucomin, Pepsi Cola, Rawlings, Whites.*

PRODUCTS: *Beverages, Fruit Juices, Soft Drinks, Table Waters, Tomato Juice.*

## WHITEWAYS OF WHIMPLE LTD.

Whimple, Exeter, Devon. *Tel. Whimple* 332. *Telex:* 42959

*Chairman and Managing Director:* R. P. W. Whiteway. *Directors:* R. H. Whiteway, E. V. M. Whiteway, F. E. Showering, E. D. Clapp, K. S. Showering. *Secretary:* E. W. Seabright.

PARENT COMPANY: *Showerings, Vine Products & Whiteways Ltd.*

BRAND NAMES: *Cyder Royal, Whiteways Devon Cyder, Whiteways Devon Inn Cyder, Whiteways Cydrax, Whiteways Peardrax, Pomona Vintage Cyder.*

PRODUCTS: *Cider, Soft Drinks, Vinegar (Cider).*

## WHITTAKER & SONS (YORK) LTD.

Hull Road, York, YO1 3JN. *Tel. York* 24878

OTHER BAKERY: *National Avenue, Hull, HU5 4HU. Tel. Hull* 42376.

*Directors:* W. Garfield Weston, K. J. Wroe, F. P. Acres, J. U. Scott, J. Thomas.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## WHITTLE, HY., LTD.

The Bakery, Littleborough, Lancs. *Tel. Littleborough* 78256

*Directors:* W. Garfield Weston, K. J. Wroe, F. P. Acres, J. U. Scott.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes, Meat Pies*

## WHITWORTHS HOLDINGS LTD.

*BY APPOINTMENT TO HER MAJESTY THE QUEEN MANUFACTURERS OF DRIED FRUITS*

*BY APPOINTMENT TO QUEEN ELIZABETH THE QUEEN MOTHER PROCESSORS AND PACKERS OF FOOD PRODUCTS*

Victoria Mills, Wellingborough, Northants. *T.A.:* "Victoria Wellingborough." *Tel. Wellingborough* 76351 *Telex:* 311059

*Chairman and Joint Managing Director:* W. A. George. *Joint Managing Director:* H. Reynolds. *Directors:* F. Giffen, K. N. Galley, F. N. Jones, E. W. C. White (*Sales*). *Secretary:* F. N. Jones.

SUBSIDIARY COMPANIES: *H. Bilson & Son Ltd., Cadge & Colman Ltd., Flaked Products (Peterborough) Ltd., George & George (Wilby) Ltd., F. & A. George Ltd., Golden Crust Bakeries (Nuneaton) Ltd., E. P. Herbert (Blaby) Ltd., A. Lilley & Co. Ltd., Northamptonshire Cereal Products Ltd., Olney Maltings Ltd., Squires & Kintons Ltd., Whitworth Bros. Ltd.*

BRAND NAME: *Whitworth's.*

PRODUCTS: *Almond Products, Batter Mixes, Cake Mixes, Glacé Cherries, Flour, Flour (Self-Raising), Fruits (Dried), Nuts (pre-packed), Pastry Mix, Peas, Beans, Lentils (Dried), Peel, Rice (parboiled), Semolina, Stuffing, Sugar, Tapioca.*

## WILKIN & SONS LTD.

*BY APPOINTMENT TO HER MAJESTY QUEEN ELIZABETH II*
*JAM AND MARMALADE MANUFACTURERS*
Tiptree, Colchester, Essex, CO5 0RF. *T.A.:* "Preserves, Tiptree."
*Tel. Tiptree* (0621) 815407

*Chairman and Joint Managing Director:* A. F. Wilkin. *Joint Managing Director:* T. G. Wilkin. *Directors:* J. S. Wilkin, P. J. Wilkin. *Secretary:* T. G. Wilkin. *Factory Manager:* J. S. Wilkin. *Sales/Marketing Manager:* P. R. Cook. *Chemist:* J. Worsp.

**BRAND NAME:** *Tiptree.*

**PRODUCT:** *Preserves.*

## WILKINS THE BAKERS LTD.

Sunblest Bakery, 62, Malmesbury Park Road, Bournemouth, BH8 8PL.
*Tel. Bournemouth* 33515

*Directors:* W. Garfield Weston, F. P. Acres, A. G. Strong. R. J. Pantlin, C. G. de Havilland.

PARENT COMPANY: *Associated British Foods Ltd. (Weston Group).*

PRODUCTS: *Bread, Cakes.*

## WILLETT BROS. (CHESTERFIELD) LTD.

Tapton Lane, Chesterfield, Derbys. *Tel. Chesterfield* 73324

*Chairman:* Ronald C. Willett. *Managing Director:* Roy Willett. *Directors:* Anthony J. Willett, Ronald Willett. *Secretary:* Anthony J. Willett. *Factory Manager:* Ronald Willett, Jnr. *Buyer:* Roy Willett.

BRAND NAME: *Willetts.*

PRODUCT: *Sweets (Boiled Sugar).*

## WILLIAMSON, RALPH, LTD.

24, Town Hill, Wrexham. *Tel. Wrexham* 3056

*Chairman and Managing Director:* Clifford Hughes. *Directors:* Lloyd Hughes, Morris Hughes. *Secretary:* D. Baden-Powell. *Buyer:* Clifford Hughes.

BRAND NAME: *Welsh Maid Sausages.*

PRODUCTS: *Bacon, Canned Meats, Meat Pies, Meat Products (Open Pack), Sausages.*

## WILLSON, W. E., LTD.

Mothers Pride Bakery, 107, Great Barr Street, Birmingham, B9 4BB.
*Tel.* 021-772 5431

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## WILSON KING LTD.

South End Mills, Liverpool, L8 6QZ. *Tel.* 051-709 1836

*Chairman:* A. W. Shone. *Directors:* A. J. S. Shone, D. B. King, C. R. B. King. *Secretary:* R. W. Enon, A.C.I.S. *Production Manager:* P. Meeds. *Sales/Marketing Manager:* S. Maddocks. *Chemist:* Dr. A. E. Canavan, B.Sc., F.R.I.C., A.M.B.I.M.

PRODUCT: *Flour.*

## WILSON, ROBERT, & SONS (EST. 1849) LTD.

Eglinton Park, Kilwinning, Ayrshire, KA13 7QB. *Tel. Kilwinning* 2141

*Chairman:* R. Clement Wilson. *Deputy Chairman:* J. W. Wilson. *Managing Director:* D. Cameron Smail. *Directors:* D. I. Macneill, G. E. Pearce, L. D. Walker. *Secretary:* T. P. Callender. *General Sales Manager:* R. S. Pringle. *Marketing Manager:* J. A. Temple. *Engineer:* R. M. Kennedy. *Research and Development Manager:* M. C. Golding.

BRAND NAME: *Wilson's of Scotland.*

PRODUCTS: *Fruit (Canned), Meat Products (Canned), Vegetables (Canned).*

## WILTSHIRE BACON CO. LTD.

Chippenham, Wilts. *Tel. Chippenham* 3093

*Chairman:* Sir John Stratton, C.B.E. *Directors:* G. M. Sandiford, J. W. H. Taylor. *Secretary:* R. Beck.

PARENT COMPANY: *C. & T. Harris (Calne) Ltd., (F.M.C. Group).*

BRAND NAME: *Royal Wilts.*

PRODUCTS: *Bacon, Ham, Lard, Meat Pies, Meat Products (open pack), Sausages.*

## WIMBUSH, A. D., & SON LTD.

6, Green Lane, Small Heath, Birmingham, B9 5DA.
*T.A.:* " Vimede Birmingham."
*Tel.* 021-772 2151

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

BRAND NAME: *Vimede.*

PRODUCTS: *Bread, Cakes.*

## WINTON-SMITH (FOODS) LTD.

Gadbrook, Northwich, Cheshire, CW9 7RJ. *Tel. Northwich* 3321

*Chairman:* A. R. Moore. *Managing Director:* F. O. Marsh. *Directors:* D. W. Broadhurst, S. W. Eyre. *Secretary:* D. W. Clarke. *Production Manager:* S. W. Eyre. *Sales Manager:* R. W. Rogers. *Engineer:* David Broadhurst. *Buyer:* John Preston.

SUBSIDIARY COMPANY: *Wood's Table Dainties Ltd.*

ASSOCIATED COMPANY: *Broadhurst & Co. (Gadbrook) Ltd.*

BRAND NAME: *Winton-Smith.*

PRODUCTS: *Meat (quick frozen), Meat Pies, Meat Products (quick frozen), Pastry (quick frozen), Prepared Meals (quick frozen), Sausages (quick frozen).*

## WISE, R. & K., LTD.

Headlands Bakery, Headlands Grove, Swindon, Wilts., SN2 6HR.
*T.A.:* "Wise Swindon." *Tel. Swindon* 4006

*Chairman and Joint Managing Director:* K. K. Wise. *Joint Managing Director:* S. R. Wise. *Directors:* M. A. Wise, P. M. Y. Wise, J. M. Roberts. *Secretary:* Mrs. M. A. Wise. *Production and Factory Manager:* R. Leighfield. *Sales Manager:* W. E. Powell. *Engineer:* R. Nelson. *Buyer:* A. R. Hitchin.

PRODUCT: *Cakes.*

## WOOD, J.P., & SONS (POULTRY) LTD.

Poultry Packing Station, The Grove, Craven Arms, Shropshire.
*Tel. Craven Arms* 2281

OTHER POULTRY PACKING STATION: *Industrial Estate, Llangefni, Anglesey. Tel. Llangefni* 2025.

*Chairman:* C. P. Wood. *Directors:* W. J. Wood, J. E. K. Wood, B. E. Wood, A. A. Pearce, P. Chamberlain, M. F. Voysey, B. J. S. Minson. *Production Director:* E. R. Burnham. *Sales Director:* P. B. Cullum. *Secretary:* A. A. Pearce. *Engineer:* A. Masters. *Buyer:* A. A. Gill.

PARENT COMPANY: *Midland Poultry Holdings Ltd.*

ASSOCIATED COMPANIES: *Dale Turkeys Ltd., J. P. Wood & Sons (Hatchery) Ltd.*

BRAND NAMES: *Chukie, Grove.*

PRODUCT: *Poultry (quick frozen).*

## WORSLEY, BEN, LTD.

North End Bakery, Darwen, Lancs. *Tel. Darwen* 71321

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## WRAY, D., & SONS LTD.

54, Gladstone Street, Scarborough, Yorks. *Tel. Scarborough* 61366

PARENT COMPANY: *Ranks Hovis McDougall Ltd.*

PRODUCTS: *Bread, Cakes.*

## WRIGHT, S., & CO. (WALKERN) LTD.

Victoria Works, Walkern, near Stevenage, Herts. *Tel. Walkern* 229

*Chairman:* F. H. Wright. *Managing Directors:* H. M. Sterling, R. K. Dainty.

**PRODUCTS:** ***Cider, Condiment, Soft Drinks.***

## WRIGHT, WILLIAM (MANUFACTURERS) LTD.

Skelton, York. *Tel. York* 20841

*Chairman:* Donovan Wright. *Managing Director:* Norman L. Wright. *Secretary:* R. S. Barber. *Production Manager:* A. B. R. Mugford. *Engineer:* L. Hainsworth. *Buyer:* F. M. Boyes.

PARENT COMPANY: *William Wright (Holdings) Ltd.*

PRODUCTS: *Bacon, Cakes, Dripping, Ham, Meat Pies, Meat Products (Quick Frozen), Paste (Meat), Sausages, Sausages (Quick Frozen).*

## WRIGLEY CO. LTD.

Estover, Plymouth, Devon, PL6 7PR. *T.A.:* "Spearmint, Plymouth."
*Tel. Plymouth* 701107. *Telex:* 45543.

*Chairman:* F. S. Hoppé (British). *Managing Director:* G. T. Morgan (British). *Directors:* P. K. Wrigley (U.S.A.), C. de Force (U.S.A.), William Wrigley (U.S.A.), E. W. Swanson Jr. (U.S.A.), W. J. Arnold (British). *Secretary:* W. J. Arnold. *Factory Manager:* W. J. Dapling. *Purchasing Agent:* L. F. Sowden.

PARENT COMPANY: *Wm. Wrigley Jr. Co. (U.S.A.).*

BRAND NAMES: *P.K., Arrowmint, Wrigley's Spearmint, Doublemint, Juicy Fruit.*

PRODUCT: *Chewing Gum.*

## WYLES PRESERVES LTD.

Highlands Hill, Swanley, Kent, BR8 7NH *T.A.:* " Namsoluc Bromley."
*Tel. Swanley* 62306

*Chairman:* M. B. Evanson. *Secretary:* W. McAllister. *Factory Manager:* J. Searles. *Sales Marketing Manager:* V. C. Matthews. *Chemist:* S. Solanki. *Buyer:* V. C. Matthews.

PARENT COMPANY: *Unigate Ltd.*

PRODUCTS: *Ginger (Crystallised), Pineapple (Glacé).*

## XL CRISPS LTD.

Holywell Lane, Conisbrough, Doncaster, South Yorkshire, DN12 2BX.
*Tel. Conisbrough* 2354

*Chairman and Joint Managing Director:* K. Gaffney. *Joint Managing Director:* C. M. Wright. *Directors:* F. Simpson, C. M. Boothby, P. Gubbins, C. N. Smith.

PARENT COMPANY: *Weston Foods Ltd. (Weston Group).*

BRAND NAME: *XL Crisps.*

PRODUCT: *Potato Crisps.*

## YORKSHIRE FARMERS' BACON FACTORY (1932) LIMITED

P.O. Box 1, Parliament Street, Norton, Malton, North Yorks., YO17 9HG.
*T.A.:* " Pigs Malton." *Telex:* Pigs Malton 57 860.
*Tel. Malton* 3031

OTHER FACTORY: *Sherburn-in-Elmet, Leeds, LS25 6EP. Tel. South Milford* 3333.

*Chairman:* D. J. N. Thompson. *Directors:* J. T. R. Lockwood, J. S. C. Tidmarsh, R. M. Thompson, D. P. N. Brown, F. M. Bardsley, R. Marginson, A. J. Speck. *Secretary:* A. Young. *Operations Manager:* F. C. Lyon. *Factory Manager:* J. J. Richards (*Malton*). *Engineer:* P. J. Steer. *Chemist:* J. King. *Buyer:* C. J. Hockridge.

ASSOCIATED COMPANY: *R. H. Thompson & Co. Ltd.*

BRAND NAME: *Porkshire.*

PRODUCTS: *Bacon, Ham, Lard, Meat Pies, Sausages.*

## YORKSHIRE PRESERVING CO. LTD.

Railsfield Works, Bath Lane, Bramley, Leeds. *T.A.:* " Brice Bramley."
*Tel. Pudsey* 74666

*Chairman and Managing Director:* A. B. Smith. *Director:* D. B. Smith, A.R.I.B.A. *Secretary:* Mrs. M. Smith.

BRAND NAME: *Yorkshire.*

PRODUCTS: *Fruit (Bottled), Pickles, Preserves.*

## YOUNG'S SEAFOODS LTD.

Mountarrow House, Elizabeth Street, London, SW1W 9RE.
*T.A.:* "Sefresh London SW1W 9RE."
*Tel.* 01-730 9945. *Telex:* 263735

*Chairman and Managing Director:* N. W. Young. *Directors:* P. Bennington (*Commercial*), F. J. Ramuz (*Marketing*), A. W. Prowse (*Financial*).

PARENT COMPANY: *Imperial Foods Ltd.*

SUBSIDIARY COMPANIES: *Youngs Devonshire Cream Ltd., Young's Potted Shrimps Ltd.*

BRAND NAME: *Youngs.*

PRODUCTS: *Cream (quick frozen), Crustacea (quick frozen), Fish (quick frozen), Molluscs (quick frozen), Shrimps (potted).*

## ZEE FRAIZA SPECIALITY FOODS LTD.

Hartspring Lane, Watford, Herts. *Tel. Watford* 28368

*Chairman and Managing Director:* A. J. Facchino. *Director:* R. S. Pitts (*Secretary*). *Production Manager:* A. Shilton. *Sales/Marketing Manager:* D. Allan Morgan. *Engineer:* F. Butler. *Buyer:* A. Shilton.

BRAND NAMES: *Chic-o-Roll, Marietta's.*

PRODUCTS: *Boil-in-the-bag foods, Pizza, Prepared Meals (quick frozen), Sauces.*

# PROCESSED FOODS

## CLASSIFIED

### ALMOND PRODUCTS

Berisford, S. & W., Ltd.
Bestoval Products Co. Ltd.
Cadec Ltd.
Co-operative Wholesale Society
Craven, M. A., & Son Ltd.
Crimony Co. Ltd.
Dalton's, Percy, Famous Peanut Co.
Distillers Co. Ltd.
Ferguson, J. & A. (Bakers) Ltd.
Larkin's of Barking
Paterson's Scottish Shortbread Ltd.
Peter's Patent Powder Works Ltd.
Pumphrey, W. & M., Ltd.
Renshaw, John F., & Co. Ltd.
Southwell, Chas., & Co. Ltd.
Whitworths Holdings Ltd.

### ANCHOVY PRODUCTS

Burgess, John, & Son Ltd.
Elsenham Quality Foods Ltd.

### ARROWROOT

Bestoval Products Co. Ltd.
British Pepper & Spice Co. Ltd.
Carltona Ltd.
Goodall, Backhouse & Co. Ltd.
Peter's Patent Powder Works Ltd.

### BACON

Adams, Geo., & Sons (Ruskington) Ltd.
Adkins, W. J., (Cambridge) Ltd.
Baxter, G. G., Ltd.
Beer, I., & Sons Ltd.
Belvoir Bacon Co. Ltd.
Brown & Knight Ltd.
Cavaghan & Gray Ltd.
Co-operative Wholesale Society
Cunningham, D., (1956) Ltd.
Denny, Henry, & Sons Ltd.
Direct Table Produce Co. Ltd.
Distillers Co. Ltd.
Dunmow Flitch Bacon Co. Ltd.
Epicure Ham Co. Ltd.
Ferguson, J. & A. (Bakers) Ltd.
Gaskell Bros. Ltd.
Hall, David A., Ltd.
Harris, C. & T., (Calne) Ltd.
Harris (Eastleigh) Ltd.
Harris (Ipswich) Ltd.
Hillier's Bacon Curing Co. Ltd.
Homestead Produce Co.
Hunter, John A., & Co. Ltd.
Kingston Sausage Co. Ltd
Kirkpatrick, A., of Scotland Ltd.
Lawson of Dyce Ltd.
London Co-operative Society Ltd
Lovell & Christmas Ltd.
McMillan, William, Ltd.
Marsh & Baxter Ltd.
Norie Ltd.
Northern Ireland Farmers Bacon Co. Ltd.
Oake, Woods & Co. Ltd.
Palethorpes Ltd.
Producers Bacon Co. (Collin Glen)
Roberts & Birch Ltd.
Roberts & Sons (Curers) Ltd.
Rogerson & Black Ltd.
St. Edmunds Bacon Factory Ltd.
St. Margaret Wiltshire Bacon Factory Ltd.
Scot Bowyers Ltd.
Somerwest Ltd.
Spear Bros. & Clark Ltd.
Ulster Farmers' Bacon Co. (Newry) Ltd.
Unigate Ltd.
Vale of Mowbray Bacon Co. Ltd.
Wall's Meat Co. Ltd.
Williamson, Ralph, Ltd.
Wiltshire Bacon Co. Ltd.
Wright, William (Manufacturers) Ltd.
Yorkshire Farmers' Bacon Factory (1932) Ltd.

## BAKED BEANS (canned)

Anglia Canners Ltd.
Beaulah, J. & J., Ltd.
Co-operative Wholesale Society
Crosse & Blackwell Ltd.
Deltec Foods Ltd.
Distillers Co. Ltd.
Heinz, H. J., Co. Ltd.
Libby, McNeill & Libby Ltd.
Lincolnshire Canners Ltd.
Morrell, John & Co. Ltd.
Pickerings Foods Ltd.
Smedley-HP Foods Ltd.

## BAKING POWDER

Badex Ltd.
Bestoval Products Co. Ltd.
Borwick, George, & Sons Ltd.
Carltona Ltd.
Distillers Co. Ltd.
General Foods Ltd.
Glenville Ltd.
Lockwoods Foods Ltd.
Pearce Duff & Co. Ltd.
Peter's Patent Powder Works Ltd.
Standard Brands Ltd.

## BATTER MIXES

Berisford, S. & W., Ltd.
Bright, Henry, & Sons Ltd.
Distillers Co. Ltd.
Green, H. J., & Co. Ltd.
Lavery, I. H., & Co. Ltd.
McDougalls Catering Foods Ltd.
Viota Foods Ltd.
Whitworths Holdings Ltd.

## BATTERED ONION RINGS (quick frozen)

Lavery, I. H. & Co. Ltd.

## BEETROOTS (processed)

Distillers Co. Ltd.
Lowe, J., & Co. (Processed Foods) Ltd.
Rosalind Foods Ltd.
Rothwells Pickles Ltd.
Rowats Foods Ltd.

## BEVERAGES

Beecham Foods
Bovril Ltd.
Colman Foods
Co-operative Wholesale Society
Distillers Co. Ltd.
Granose Foods Ltd.
Lavery, I. H., & Co. Ltd.
Mapletons Foods Ltd.
Nestlé Co. Ltd.
Newball & Mason Ltd.
Rayner & Co., Ltd.
Shaw, Benjamin, & Sons Ltd
Strathmore Springs Ltd.
Symington, Thos., & Co. Ltd.
White, R., & Sons Ltd.

## BISCUITS

Associated Biscuit Manufacturers Ltd.
Atkinsons of Windermere
Beatties Biscuits Ltd.
Bridgewater, G. & T.
Broadhurst & Co. (Gadbrook) Ltd.
Burton's Gold Medal Biscuits Ltd.
Cadbury Typhoo Ltd.
Carrs of Carlisle Ltd.
Cheese Straws (Cheddar) Ltd
Chiltonian Ltd.
Co-operative Wholesale Society
Crawford, Wm., & Sons Ltd
Distillers Co. Ltd.
Elkes Biscuits Ltd.
Forbes Simmers Ltd.
Fox's Biscuits Ltd.
Furniss & Co Ltd.
Granose Foods Ltd.
Gray, Dunn & Co. Ltd
Grodzinski, A., & Co. Ltd.
Hill Biscuits Ltd.
Hughes, Alfred, & Sons Ltd.
Inglis & Co. Ltd.
Kennedy, J. B., Ltd.
Lyons Bakery Ltd.
Lyons, J., & Co. Ltd.
Macfarlane, Lang & Co. Ltd.
McVittie & Price Ltd.
Macvitties, Guest & Co. Ltd.
Mapletons Foods Ltd.
Montgomerie & Co. Ltd.

Moores, S.
Nabisco Ltd.
Ormeau Bakery Ltd.
Paterson's Scottish Shortbread Ltd.
Rakusen, Lloyd, & Sons Ltd.
Romary, A., & Co. Ltd.
Rowntree Mackintosh Ltd.
Shaws Biscuits Ltd.
Smiths Food Group
Valvona Ice Biscuit Co. Ltd.
Westphalia Pumpernickel Co. Ltd.

### BISCUITS (wafer)

Askeys Ltd.
Associated Biscuit Manufacturers Ltd.
Distillers Co. Ltd.
Gray Dunn & Co. Ltd.
Greco's Biscuits Ltd.
Rowntree Mackintosh Ltd.
Wall, T., & Sons (Ice Cream)

### BOIL-IN-THE-BAG FOODS

Compass House Ltd.
Producers Bacon Co. (Collin Glen) Ltd.
Zee Fraiza Speciality Foods Ltd.

### BREAD

Ackerman's Bakeries (Bromley) Ltd.
Aerated Bread Co. Ltd.
Allied Bakeries Ltd.
Allied Bakeries (Midlands) Ltd.
Allied Bakeries (N.I.) Ltd.
Almond's Bakeries Ltd.
Barton, W. J., Ltd.
Baughan's Foods Ltd.
Beattie, William, Ltd.
Bilsland Bros. Ltd.
Birkett & Bostock Ltd.
Birkett & Roberts Ltd.
Bowketts the Bakers Ltd.
Brookes, W. J., & Sons Ltd.
Brooks Baking Co. Ltd.
Bryson, John (Berwick) Ltd.
Burnett's Inverness Bakery Ltd.
Burtons (Blackpool) Ltd.
Burton's Model Bakery (Hereford)
Carrick's (Caterers) Ltd.
Chibnall's Bakeries Ltd.
Christies of Perth
Christofer Bell Ltd.
City Bakeries Ltd.
Clark's Bakeries (Finchley) Ltd.
Clark's Bakeries (Hackbridge) Ltd
Clark's Bread Co., Ltd.
Cookson, E., & Sons Ltd.
Coombe Bakery Ltd.
Country Maid Bakeries Ltd.
Cranfield Brothers Ltd.
Crawford, D. S., Ltd.
Darby's Bakeries Ltd.
Darbyshires' Prize Bread Co. Ltd.
Duncan Foster (Sussex) Ltd.
Duncan, T. D., Ltd.
Dytes Ltd.
Earnshaw Bros. Ltd.
Embleton's Bakeries Ltd.
Embrey, G., Ltd.
Enterprise Bakeries Ltd.
Fawcett (South Shields) Ltd.
Ferguson, J. & A., (Bakers) Ltd.
Forbes Simmers Ltd.
Fowler A., & Sons Ltd.
Garners Bakeries Ltd.
Garons Bakeries Ltd.
Gilchrist, James, Ltd.
Goodbody, C. A. & W., Ltd.
Green, G. W., (Bournemouth) Ltd.
Green, G. W. (Gosport) Ltd.
Grodzinski, A., & Co. Ltd.
Groom, H. L., & Son Ltd.
Gunstone, Wm., & Sons Ltd.
Hagenbach, Charles, & Sons Ltd
Hales Bread Bakery (West Drayton) Ltd.
Harding & Sons (Bakers) Ltd.
Harrington & Son Ltd.
Harvey, J. T., Ltd.
Hill, Palmer & Edwards Ltd.
Home Baking Co. Ltd.
Hopkin Morgan Bakeries Ltd.
Hughes, Bernard, Ltd.
Hunters the Bakers Ltd.
Inglis & Co. Ltd.
Jackson, William, & Son Ltd.

Kennedy, J. B., Ltd.
Kent Co-operative Society Ltd.
King, L. F., Ltd.
Kingsman, Nicholas, Ltd.
Knowles & Son Ltd.
Lancashire Cash Bakery Co. Ltd.
Leger Bakery Ltd.
London Co-operative Society
Lowman, S. B., & Sons Ltd.
Lyons, J., & Co. Ltd.
Marchi—Zellar Ltd.
Martins' Bakery Ltd.
Matthes Ltd.
Melling, Ernest, Ltd.
Milanda Bakeries (Derry) Ltd.
Milanda Bread Co. (Edinburgh)
Milburns Bakers Ltd.
Moore, W., & Sons Ltd.
Nevill, H. W., Ltd.
Ormeau Bakery Ltd.
Parkers Bakeries Ltd.
Price & Co. (Bakers) Ltd.
Price Bros. (Bakers) Ltd.
Prices (Eastleigh)
RHM Bakeries (Wales) Ltd.
Royal Arsenal Co-operative Society Ltd.
Sayers (Confectioners) Ltd.
Scott, Thomas, & Sons (Bakers)
Sharrock, Richard, & Sons Ltd.
Simmons, William Ltd.
Silvio's Ltd.
Slimcea Ltd.
Smith & Vosper Ltd.
Snowden & Bailes Ltd.
Spark, Ralph, & Sons Ltd.
Spillers Ltd.
Spillers-French Baking Ltd.
Sunblest Bakeries (Aberdeen) Ltd.
Sunblest Bakeries (Dundee) Ltd.
Sunblest Bakeries (Edinburgh) Ltd.
Sunblest Bakeries (Glasgow) Ltd.
Sunblest Bakeries (Sheffield) Ltd.
Sunblest Bakeries (Stevenage) Ltd.
Sunblest Bakeries (Yorkshire) Ltd.
Sunshine Bread Co. (Norwich) Ltd.
Superslice Ltd.
T. & D. Variety Food Distributors Ltd.
Thompson, J. W., (Chesterfield)
Tip Top Bakeries Ltd.
Uglows Bakeries Ltd.
Wells, D. & E.
Whittaker & Sons (York) Ltd.
Whittle, Hy., Ltd.
Wilkins the Bakers Ltd.
Willson, W. E., Ltd.
Wimbush, A. D., & Son Ltd.
Worsley, Ben, Ltd.
Wray, D., & Sons Ltd.

### BREAD CRUMBS

Amasal Ltd.
Atkinsons of Windermere
Bremith Foods Ltd.
Bright, Henry, & Sons Ltd.
Distillers Co. Ltd.
RHM Foods Ltd.
Rakusen, Lloyd, & Sons Ltd.
Smith & Son (Langley Mill) Ltd.
Smiths Flour Mills Ltd.
Spillers Ltd.

### BREAD DOUGH (quick frozen)

Davison Bake-n-Serv (U.K.) Ltd.
Green, H. J., & Co. Ltd.

### BREAKFAST CEREALS

Co-operative Wholesale Society
Distillers Co. Ltd.
Fincken, A. C., & Co. Ltd.
Granose Foods Ltd.
Hardeman, Linda (Health Foods) Ltd.
Hunter, P. J., & Co. Ltd.
Kellogg Co. of Gt. Britain, Ltd.
Lyons, J., & Co. Ltd.
Lyons Tetley Ltd.
Mapletons Foods Ltd.
Nabisco Ltd.
Quaker Oats Ltd
RHM Foods Ltd.
Turban Foods Ltd.
Viota Foods Ltd.
Weetabix Ltd.

### BUTTER

Adams Foods Ltd.
Ashford Creameries (Worcestershire) Ltd.

Chambourcy Dairy Products Ltd.
Co-operative Wholesale Society
Dairy Produce Packers Ltd.
Distillers Co. Ltd.
Express Dairy Foods Ltd.
Greater Nottingham Co-operative Society Ltd.
Lovell & Christmas Ltd.
Milk Marketing Board
Murchies Creameries Ltd.
North of Scotland Milk Marketing Board
Northern Dairies Ltd.
Northern Dairies (Ireland) Ltd.
Scottish Milk Marketing Board
Unigate Ltd.

## BUTTERMILK POWDER

Co-operative Wholesale Society
Distillers Co. Ltd.
Unigate Ltd.

## CAKE MIXES

Badex Ltd.
Chapman & Dunn Ltd.
Co-operative Wholesale Society
Creamola Food Products Ltd.
Crestona Ltd.
Crimony Co. Ltd.
Distillers Co. Ltd.
Green, H. J., & Co. Ltd.
Herridge Foods Ltd.
Lambert, F., & Son Ltd.
Lavery, I. H., & Co. Ltd.
Lyons, J., & Co. Ltd.
McDougall's Catering Foods Ltd.
Nabisco Ltd.
Romix Foods Ltd.
Rowallan Creamery Ltd.
Rowntree Mackintosh Ltd.
Scottish Flavour & Colour Co. Ltd.
Smith & Son (Langley Mill) Ltd.
Smiths Flour Mills Ltd.
Viota Foods Ltd.
Watson & Philip (Manufacturing)
Whitworths Holdings Ltd.

## CAKES

Ackerman's Bakeries (Bromley) Ltd.
Aerated Bread Co. Ltd.
Allied Bakeries (Midlands) Ltd.
Allied Bakeries (N.I.) Ltd.
Almond's Bakeries Ltd.
Associated Biscuit Manufacturers
Avana Group Ltd.
Barton, W. J., Ltd.
Baughan's Foods Ltd.
Beattie, William, Ltd.
Beatties Biscuits Ltd.
Bilsland Bros. Ltd.
Birkett & Bostock Ltd.
Birkett & Roberts Ltd.
Bowketts the Bakers Ltd.
Broadhurst & Co. (Gadbrook) Ltd
Brookes, W. J., & Sons Ltd.
Brooks Baking Co. Ltd.
Bryson, John (Berwick) Ltd.
Burnett's Inverness Bakery Ltd.
Burtons (Blackpool) Ltd.
Burton's Model Bakery (Hereford)
Carrick's (Caterers) Ltd.
Chapman & Dunn Ltd.
Chibnall's Bakeries Ltd.
Christies of Perth Ltd.
Christofer Bell Ltd.
City Bakeries Ltd.
Clark's Bakeries (Finchley) Ltd.
Clark's Bakeries (Hackbridge) Ltd.
Clark's Bread Co. Ltd.
Cookson, E., & Sons Ltd.
Coombe Bakery Ltd.
Country Maid Bakeries Ltd.
Crawford, D. S., Ltd.
Darby's Bakeries Ltd.
Duncan Foster (Sussex) Ltd.
Duncan, T. D., Ltd.
Earnshaw Bros. Ltd.
Edmonds Eccles Cakes Ltd.
Embrey, G., Ltd.
Embletons Bakeries Ltd.
Enterprise Bakeries Ltd.
Far Famed Cake Co. Ltd.
Fawcett (South Shields) Ltd.
Ferguson, J. & A. (Bakers) Ltd.
Forbes Simmers Ltd.
Fowler, A. & Sons Ltd.
Garners Bakeries Ltd.
Garons Bakeries Ltd.
Gilchrist, James, Ltd.
Goodbody, C. A., & W., Ltd.

Green, G. W. (Bournemouth) Ltd.
Green, G. W. (Gosport) Ltd.
Grodzinski, A., & Co. Ltd.
Groom, H. L., & Son Ltd.
Gunstone, Wm., & Sons Ltd.
Hagenbach, Charles, & Sons Ltd.
Hale Trent Cakes Ltd.
Harding & Sons (Bakers) Ltd.
Harrington & Sons Ltd.
Harvey, J. T., Ltd.
Hill, Palmer & Edwards Ltd.
Home Baking Co. Ltd.
Hopkin Morgan Bakeries Ltd.
Hughes, Bernard, Ltd.
Hunters The Bakers Ltd.
Inglis & Co. Ltd.
Jackson, William, & Son Ltd.
Jones, D., Dickinson Co. Ltd.
Kennedy, J. B., Ltd.
Kent Co-operative Society Ltd.
King, L. F., Ltd.
Kingsman, Nicholas, Ltd.
Knightsbridge Cake (Manchester)
Knowles & Son Ltd.
Lancashire Cash Bakery Co. Ltd.
Leger Bakery Ltd.
London Co-operative Society
Lowman, S. B., & Sons Ltd.
Lowthers (Cakes) Ltd.
Lyons Bakery Ltd.
Lyons, J., & Co. Ltd.
McVitie & Cadbury Cakes Ltd.
Macvitties, Guest & Co. Ltd.
Manor Bakeries Ltd.
Marchi-Zeller Ltd.
Martins' Bakery Ltd.
Matthes Ltd.
Melling, Ernest, Ltd.
Milanda Bakeries (Derry) Ltd.
Milanda Bread Co. (Edinburgh)
Milburns Bakers Ltd.
Moore, W., & Sons Ltd.
Ormeau Bakery Ltd.
Park Cake Bakeries Ltd.
Parkers Bakeries Ltd.
Parry's Butterfull Cakes Ltd.
Price & Co. (Bakers) Ltd.
Price Bros. (Bakers) Ltd.
Prices Eastleigh Ltd.
RHM Bakeries (Wales) Ltd.
Royal Arsenal Co-operative Society Ltd.
Sayers (Confectioners) Ltd.
Scott, Thomas, & Sons (Bakers)
Sharrock, Richard, & Sons Ltd.
Silvio's Ltd.
Simmons, William, Ltd.
Smith & Vosper Ltd.
Snowden & Bailes Ltd.
Spark, Ralph, & Sons Ltd.
Spillers Ltd.
Spillers-French Baking Ltd.
Sunblest Bakeries (Aberdeen) Ltd.
Sunblest Bakeries (Dundee) Ltd.
Sunblest Bakeries (Edinburgh) Ltd.
Sunblest Bakeries (Glasgow) Ltd.
Sunblest Bakeries (Sheffield) Ltd.
Sunblest Bakeries (Stevenage) Ltd.
Sunblest Bakeries (Yorkshire) Ltd.
Superslice Ltd.
T. & D. Variety Food Distributors Ltd.
Thompson, J. W. (Chesterfield)
Tip Top Bakeries Ltd.
Uglows Bakeries Ltd.
Wells, D. & E.
Whittaker & Sons (York) Ltd.
Whittle, Hy., Ltd.
Wilkins the Bakers Ltd.
Willson, W. E., Ltd.
Wimbush, A. D. & Son, Ltd.
Wise, R. & K., Ltd.
Worsley, Ben, Ltd.
Wray, D., & Sons Ltd.
Wright, William, (Manufacturers) Ltd.

**CAKES (canned)**

Ormeau Bakery Ltd.
Purdy Cakes Ltd.

## CANNED FOODS

*see under commodity e.g. BAKED BEANS (canned); FISH (canned)*

## CHEESE

Adams Foods Ltd.
Chambourcy Dairy Products Ltd.
Co-operative Wholesale Society

Dairy Produce Packers Ltd.
Distillers Co. Ltd.
Express Dairy Foods Ltd.
Greater Nottingham Co-operative Society Ltd.
Kraft Foods Ltd.
Lovell & Christmas Ltd.
Milk Marketing Board
Milk Marketing Board For Northern Ireland
Murchies Creameries Ltd.
North of Scotland Milk Marketing Board
Scottish Milk Marketing Board
Swift & Co. Ltd.
Unigate Ltd.
Westphalia Pumpernickel Co. Ltd

## CHEESE (lactic)

Co-operative Wholesale Society
Raines Dairy Products
Unigate Ltd.

## CHEESE (processed)

Adams Foods Ltd.
Co-operative Wholesale Society
Dairy Produce Packers Ltd.
Hollins, A. & M., Ford Hall Farm
Kavli Ltd.
Kraft Foods Ltd.
Lovell & Christmas Ltd.
Murchies Creameries Ltd.
Swift & Co. Ltd.
Unigate Ltd.

## CHEESE (Stilton)

Long Clawson Dairy Ltd.
Milk Marketing Board
Unigate Ltd.

## CHEESE SPREAD

Adams Foods Ltd.
Co-operative Wholesale Society
Dairy Produce Packers Ltd.
Kavli Ltd.
Kraft Foods Ltd.
Murchies Creameries Ltd.
Rowntree Mackintosh Ltd.
Unigate Ltd.

## CHEESE STRAWS

Cheese Straws (Cheddar) Ltd.

## CHERRIES (cocktail)

Bennett Opie Ltd.
British Preserves Ltd.
Distillers Co. Ltd.
Noel, L., & Sons Ltd.
Peter's Patent Powder Works Ltd.
Rayner & Co. Ltd.
Sharwood, J. A., & Co. Ltd.

## CHERRIES (glacé)

Bennett Opie Ltd.
Berisford S. & W., Ltd.
Bestoval Products Co. Ltd.
British Preserves Ltd.
Crestona Ltd.
Distillers Co. Ltd.
Fruitfield Preserves Ltd.
Hunter, P. J., & Co. Ltd.
Peter's Patent Powder Works Ltd.
Sharwood, J. A., & Co. Ltd.
Whitworths Holdings Ltd.

## CHEWING GUM

A. & B. C. Chewing Gum Ltd.
Hall Bros. (Whitefield) Ltd.
Matlow Bros. Ltd.
Rowntree Mackintosh Ltd.
Wrigley Co. Ltd.

## CHICKEN (in glass)

Shippam, C., Ltd.
Sutherlands Foods Ltd.

## CHOCOLATE (cooking)

Scott, R. & W., Ltd.

## CHOCOLATE (drinking)

Bestoval Products Co. Ltd.
Cadbury Typhoo Ltd.
Lavery, I. H., & Co. Ltd.
Payne, George, & Co. Ltd.
Pritchitt, L. E., & Co. Ltd.
Rowntree Mackintosh Ltd.
Standard Brands Ltd.
Wander, Ltd.

## CHOCOLATE SPREAD

Ferguson, J. & A. (Bakers) Ltd.

## CHOCOLATES

Anderson & Woodthorpe Ltd.
Barker & Dobson Ltd.
Beech's Chocolates Ltd.
Cadbury Ltd.
Cavenham Confectionery Ltd.
Chocolat Tobler Meltis Ltd.
Clyde Confections Ltd.
Co-operative Wholesale Society
Ferguson, Alex., Ltd.
Ferguson, J. A. (Bakers) Ltd.
Jamesons Chocolates Ltd.
Lindt (England) Ltd.
Lovell, G. F., & Co. Ltd.
Mars Ltd.
Matlow Bros. Ltd.
Maynards Ltd.
Needler's Ltd.
Nestlé Co. Ltd.
Ormeau Bakery Ltd.
Payne, George, & Co. Ltd.
Penguin Confectionery Co. Ltd.
Pollards Confections Ltd.
Rose, L., & Co. Ltd.
Rowntree Mackintosh Ltd.
Sharwood, J. A., & Co. Ltd.
Shaw, Elizabeth, Ltd.
Suchard Chocolate Ltd.
Sun D'Or Ltd.
Terry, Joseph, & Sons Ltd.
Thornton, J. W., Ltd.
Trebor Sharps Ltd.
Van Melle Ltd.
Waller & Hartley Ltd.
Watson & Philip (Manufacturing)

## CHOCOLATES (liqueur)

Cavenham Confectionery Ltd.
Chocolat Tobler Meltis Ltd.
Rowntree Mackintosh Ltd.
Suchard Chocolate Ltd.

## CHRISTMAS PUDDING

Aerated Bread Co. Ltd.
Associated Biscuit Manufacturers Ltd.

Berisford, S. & W., Ltd.
Broadhurst & Co. (Gadbrook) Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Granose Foods Ltd.
Gunstone, Wm., & Sons Ltd.
Heinz, H. J., Co. Ltd.
Hunter, John A., & Co. Ltd.
Jackson, William, & Son Ltd.
Lavery, I. H., & Co. Ltd.
Ormeau Bakery Ltd.
Quantock Preserving Co. Ltd.
Saxby Bros. Ltd
Scott, R. & W., Ltd.
Simpson Ready Foods Ltd.
Southwell, Chas., & Co. Ltd.
Spring Food Products Ltd.

## CIDER

Bulmer, H. P., Ltd.
Coates Gaymers Ltd.
Gaymer, William, & Son Ltd.
Gould, Hibberd & Randall Ltd
Hay, William, & Sons (Aberdeen) Ltd.
Horrell & Son Ltd.
Merrydown Wine Co. Ltd.
Showerings Ltd.
Weston, H., & Sons
Whiteways of Whimple Ltd.
Wright, S., & Co. (Walkern) Ltd.

## COCKTAIL SUNDRIES

Britton, B. & A., Ltd.
Burgess, John, & Son Ltd.
Distillers Co. Ltd.
Estcourt, F. B., Ltd.
Noel, L., & Sons Ltd.
Penguin Confectionery Co. Ltd.
Rayner & Co. Ltd.
Sharwood, J. A., & Co. Ltd.
Westphalia Pumpernickel Co. Ltd.

## COCOA

Cadbury Typhoo Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Peter's Patent Powder Works Ltd.
Rowntree Mackintosh Ltd.

## COFFEE

Bramah Tea & Coffee Ltd.
Brooke Bond Oxo Ltd.
Cadbury Typhoo Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Ferguson, J. & A. (Bakers) Ltd.
General Foods Ltd.
Larkin's of Barking
Lyons, J., & Co. Ltd.
Lyons Tetley Ltd.
Nairobi Coffee & Tea Co. Ltd.
Nestlé Co. Ltd.
Payne, George, & Co. Ltd.
Ridgways Ltd.
Ringtons Ltd.
Standard Brands Ltd.
Symington, Thos., & Co. Ltd.
Torring & Stockwell Ltd.
Twining, R., & Co. Ltd.

## COFFEE (instant)

Bramah Tea & Coffee Ltd.
Distillers Co. Ltd.
General Foods Ltd.
Lyons, J. & Co. Ltd.
Nairobi Coffee & Tea Co. Ltd.
Nestlé Co. Ltd.
Paterson, R., & Sons Ltd
Ridgways Ltd.
Ringtons Ltd.
Standard Brands Ltd.
Swel Foods Ltd.
Twining, R., & Co. Ltd.

## COFFEE CREAMER (Non-dairy)

Bramah Tea & Coffee Ltd.
Carnation Foods Co. Ltd.
Glenville Ltd.
Pritchitt, L. E., & Co. Ltd.

## COFFEE ESSENCES AND EXTRACTS

Distillers Co. Ltd.
Lyons, J., & Co. Ltd.
Paterson, R., & Sons Ltd.
Payne, George, & Co. Ltd.
Scottish Flavour & Colour Co.

## CONDIMENT (non-brewed)

British Pepper & Spice Co. Ltd.
Co-operative Wholesale Society
Crystal Spring Ltd.
Dalton's, Percy, Famous Peanut Co. Ltd.
Edmondson & Co. Ltd.
Heinz, H. J., Co. Ltd.
Premier Pickle Co.
Rakusen, Lloyd, & Sons Ltd.
Ross, James, & Son (Newcastle)
Rowats Foods Ltd.
Smith, H., (Purito Products)
Vesop Products Ltd.
Wright, S., & Co. (Walkern) Ltd.

## CONSERVES

*See Preserves*

## COOKING FAT

Bibby, J., & Sons Ltd.
Cardonald Food Products Ltd.
Cardowan Creameries Ltd.
Co-operative Wholesale Society
Crimony Co. Ltd.
Distillers Co. Ltd.
Humko Products
Kraft Foods Ltd.
London Oil Medina Ltd.
Mapletons Foods Ltd.
Marfleet Refining Co. Ltd.
Marsh & Baxter Ltd.
Peerless Refining Co. (Liverpool)
Rowallan Creamery Ltd.
S.F.B. Co. Ltd.
Van Den Berghs & Jurgens Ltd

## CORNFLOUR

Amasal Ltd.
Badex Ltd.
Bestoval Products Co. Ltd.
CPC (United Kingdom) Ltd.
Carltona Ltd.
Co-operative Wholesale Society
Crestona Ltd.
Distillers Co. Ltd.
Glenville Ltd.
Green, H. J., & Co. Ltd.
Pearce Duff & Co. Ltd.
Peter's Patent Powder Works Ltd.

Rakusen, Lloyd, & Sons Ltd.
Smith & Son (Langley Mill) Ltd.
Smith Bros. (Walsall) Ltd.
Smiths Flour Mills Ltd.
Watson & Philip (Manufacturing)

### CORN OIL (maize oil)

Britton, B. & A., Ltd.
CPC (United Kingdom) Ltd.
Cardonald Food Products Ltd.
Celia Products (Hull) Ltd.
Co-operative Wholesale Society
Dalton's, Percy, Famous Peanut Co. Ltd.
Kilvert, N., & Sons Ltd.
Kraft Foods Ltd.
London Oil Medina Ltd.
Van den Berghs & Jurgens Ltd.

### CREAM (canned)

Co-operative Wholesale Society
Distillers Co. Ltd.
Murchies Creameries Ltd.
Nestlé Co. Ltd.
Northern Dairies Ltd.
Pickerings Foods Ltd.
Unigate Ltd.

### CREAM (imitation)

Badex Ltd.
Distillers Co. Ltd.
Lavery, I. H., & Co. Ltd.
MalgaVita Ltd.
Pritchitt, L. E., & Co. Ltd.
Scottish Flavour & Colour Co. Ltd.

### CREAM (long life)

Distillers Co. Ltd.
Kraft Foods Ltd.
Milk Marketing Board
Murchies Creameries Ltd.
Pickerings Foods Ltd.
Pritchitt, L. E., & Co. Ltd.

### CREAM (quick frozen)

Ashford Creameries (Worcestershire) Ltd.
Compass House Ltd.
Young's Seafoods Ltd.

### CRISPBREAD

Granose Foods Ltd.
Kavli Ltd.
Nabisco Ltd.
Ormeau Bakery Ltd.
RHM Foods Ltd.
Ryvita Co. Ltd.

### CRUSTACEA (in glass)

Severnside Foods (Bristol) Ltd.

### CRUSTACEA (quick frozen)

Associated Fisheries & Foods Ltd.
Britton, B. & A., Ltd.
Compass House Ltd.
Findus Ltd.
Kershaws Frozen Foods Ltd.
Severnside Foods (Bristol) Ltd.
Young's Seafoods Ltd.

### CURRY (canned)

RHM Foods Ltd.
Veeraswamy's (Food Products) Ltd.

### CURRY POWDER

Amasal Ltd.
British Pepper & Spice Co. Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Estcourt, F. B., Ltd.
Goodall Backhouse & Co. Ltd.
Heinz, H. J., Co. Ltd.
Morrell, John, & Co. Ltd.
Newball & Mason Ltd.
Pearce Duff & Co. Ltd.
Peter's Patent Powder Works Ltd.
Rakusen, Lloyd, & Sons Ltd
Sharwood, J. A., & Co. Ltd
Veeraswamy's (Food Products) Ltd.

### CUSTARD (canned)

Bovril Ltd.
Heinz, H. J., Co. Ltd.

## CUSTARD AND BLANCMANGE POWDER

Badex Ltd.
Bestoval Products Co. Ltd.
CPC (United Kingdom) Ltd.
Carltona Ltd.
Co-operative Wholesale Society
Creamola Food Products Ltd
Crestona Ltd.
Distillers Co. Ltd.
General Foods Ltd.
Glenville Ltd.
Green, H. J., & Co. Ltd
Lavery, I. H., & Co. Ltd.
Peter's Patent Powder Works Ltd.
Pritchitt, L. E., & Co. Ltd.
Rowntree Mackintosh Ltd.
Standard Brands Ltd.
Watson & Philip (Manufacturing)

## DESSERT MIXES

Badex Ltd.
Chambourcy Dairy Products Ltd.
Creamola Food Products Ltd.
Distillers Co. Ltd.
General Foods Ltd.
Green, H. J., & Co. Ltd.
McDougalls Catering Foods Ltd.
Nabisco Ltd.
Nestlé Co. Ltd.
Pearce Duff & Co. Ltd.
Pritchitt, L. E., & Co. Ltd.
Rowntree Mackintosh Ltd.
Standard Brands Ltd.

## DESSERT TOPPING MIX

Badex Ltd.
Distillers Co. Ltd.
Elsenham Quality Foods Ltd.
Ferguson, J. & A. (Bakers) Ltd.
General Foods Ltd.
Lavery, I. H., & Co. Ltd.
Pritchitt, L. E., & Co. Ltd.

## DESSERTS (prepared)

Express Dairy Foods
Green, H. J., & Co. Ltd.
Northern Dairies Ltd.

## DESSERTS (quick frozen)

Birds Eye Foods Ltd.
Brains Foods
Findus Ltd.
Ross Foods Ltd.

## DIABETIC FOOD

Appleford Ltd.
CPC (United Kingdom) Ltd.
Carltona Ltd.
Cooper, Frank, Ltd.
Co-operative Wholesale Society
Fruitfield Preserves Ltd.
Granose Foods Ltd.
Nelson Preserving Co. Ltd.
Scott, R. & W., Ltd.
Wander, Ltd.

## DIETETIC FOOD

Appleford Ltd.
Granose Foods Ltd.
Paterson's Scottish Shortbread Ltd.
RHM Foods Ltd.
Slimcea Ltd.
Wander Ltd.

## DRIPPING

Adkins, W. J., (Cambridge) Ltd.
Distillers Co. Ltd.
F.M.C. (Meat) Ltd.
Gaskell Bros. Ltd.
Greater Nottingham Co-operative Society Ltd.
Homestead Produce Co.
Hull & East Riding Co-operative
London Oil Medina Ltd.
Marsh & Baxter Ltd.
Maunder, Lloyd, Ltd.
Menzies, Wm., Ltd.
Roberts & Sons (Curers) Ltd.
Robinson, A. T., Ltd.
S.F.B. Co. Ltd.
Spear Bros. & Clark Ltd.
Suvit Ltd.
Wright, William, (Manufacturers) Ltd.

## EDIBLE OIL

Bibby, J., & Sons Ltd.
Britton, B. & A., Ltd.
Burgess, John, & Son Ltd.

Cardonald Food Products Ltd.
Cardowan Creameries Ltd.
Celia Products (Hull) Ltd.
Co-operative Wholesale Society
Dalton's, Percy, Famous Peanut Co. Ltd.
Distillers Co. Ltd.
Estcourt, F. B., Ltd.
F.M.C. (Meat) Ltd.
Heinz, H. J., Co. Ltd.
Humko Products
Kraft Foods Ltd.
London Oil Medina Ltd.
Marfleet Refining Co. Ltd.
Merseyside Food Products Ltd.
Peerless Refining Co. (Liverpool)
Rakusen, Lloyd, & Sons Ltd.
Rayner & Co. Ltd.
S.F.B. Co. Ltd.
Suvit Ltd.
Van Den Berghs & Jurgens Ltd.

### ESSENCE OF BEEF

RHM Foods Ltd.

### ESSENCE OF CHICKEN

RHM Foods Ltd.

### ESSENCES, COLOURINGS AND FLAVOURS

Amasal Ltd.
Anstead, D. F., Ltd.
Barnett & Foster Ltd.
Bestoval Products Co. Ltd.
Bevan, A. E., Ltd.
British Pepper & Spice Co. Ltd.
Bush Boake Allen Ltd.
Cooke, Tweedale & Lindsay Ltd.
Cumming, Alfred P., Ltd.
Distillers Co. Ltd.
Goodall Backhouse & Co. Ltd.
Hansen's, Chr., Laboratory Ltd.
Lyons, J., & Co. Ltd.
Marshall, A. B., Ltd.
Newball & Mason Ltd.
Pearce Duff & Co. Ltd.
Peter's Patent Powder Works Ltd.
Rayner & Co. Ltd.
Scottish Flavour & Colour Co.
Sharwood, J. A., & Co. Ltd.
Southwell, Chas., & Co. Ltd.
Supreme Manufacturing Co.
Underwood & Barker Ltd.

### FISH (canned)

Berisford, S. & W., Ltd.
Bibby, J., Food Products Ltd.
British Fish Canners Ltd.
Co-operative Wholesale Society
Deltec Foods Ltd.
Distillers Co. Ltd.
Macrae, D. A., Ltd.
Rosalind Foods Ltd.
Shippam, C., Ltd.
Stokes Bomford (Holdings) Ltd.
Thomas & Jones (Tejay) Ltd.
Torrance, R., & Co. Ltd.
Westphalia Pumpernickel Co. Ltd.

### FISH (quick frozen)

Associated Fisheries & Foods Ltd.
Birds Eye Foods Ltd.
Blue Cap Frozen Food Services Ltd.
Brekkes Ltd.
Compass House Ltd.
Findus Ltd.
Iceatlantic Sea Foods Ltd.
Macrae, D. A., Ltd.
Muirhead, J., Ltd.
National Fishcuring Co. Ltd.
Ross Foods Ltd.
Rossfish Ltd.
Turner, Ron, Ltd.
Young's Seafoods Ltd.

### FISH CAKES

Associated Fisheries & Foods Ltd.
Compass House Ltd.
Piper Products (Poole) Ltd.

### FISH PRODUCTS (in glass)

Britton, B. & A., Ltd.
Severnside Foods (Bristol) Ltd.

**FISH PRODUCTS (open pack)**
Sutherland, E. T., & Son Ltd.

**FISH PRODUCTS (quick frozen)**
Associated Fisheries & Foods Ltd.
Birds Eye Foods Ltd.
Brains Foods
Brekkes Ltd
Britton, B. & A., Ltd.
Compass House Ltd.
Finbarr Foods Ltd.
Findus Ltd.
Iceatlantic Sea Foods Ltd.
Maconochie Seafoods Ltd.
Macrae, D. A., Ltd.
Muirhead, J., Ltd.
Rossfish Ltd.
Severnside Foods (Bristol) Ltd.

**FLOUR**
Allied Mills Ltd.
Allinson Ltd.
Amasal Ltd.
Bermaline Ltd.
Botley Flour Milling Co. Ltd.
Bowman, Jas., & Sons Ltd.
Bradshaw, E. B., & Sons Ltd.
Carrs Flour Mills Ltd.
Clarke, R. H., Ltd.
Co-operative Wholesale Society
Country Maid Bakeries Ltd.
Cranfield Brothers Ltd.
Crestona Ltd.
Croysdale, John, & Sons Ltd.
Distillers Co. Ltd.
Duffield, Wm. C., Ltd.
Glover, Joseph, Ltd.
Heygates Ltd.
Hills & Partridge Ltd.
Hovis Ltd.
Marston, C., & Sons (Icklingham)
Matthews, F. W. P., Ltd.
Mellish, A. W., Ltd.
Neill, James, Ltd.
Paine & Co. Ltd.
RHM Foods Ltd.
Read Woodrow Ltd.
Smith & Son (Langley Mill) Ltd.
Smiths Flour Mills Ltd.
Spillers Ltd.
Tindall, A. W., Ltd.
Veda Ltd.
Weetabix Ltd.
Whitworths Holdings Ltd.

**FLOUR (barley)**
Mellish, A. W., Ltd.
Smith & Son (Langley Mill) Ltd.
Smiths Flour Mills Ltd.

**FLOUR (malted)**
Bermaline Ltd.
Carr's Flour Mills Ltd.
Distillers Co. Ltd.
Munton & Fison Ltd.
Paine & Co. Ltd.
Veda Ltd.

**FLOUR (pea)**
*See Pea Flour*

**FLOUR (rye)**
Paine & Co. Ltd.
Smith & Son (Langley Mill) Ltd
Smiths Flour Mills Ltd.

**FLOUR (self-raising)**
Allied Mills Ltd.
Bowman, Jas., & Sons Ltd.
Carrs Flour Mills Ltd.
Co-operative Wholesale Society
Cranfield Brothers Ltd.
Crestona Ltd.
Croysdale, John, & Sons Ltd.
Distillers Co. Ltd.
Glover, Joseph, Ltd.
Hills & Partridge Ltd.
Kennedy, J. B., Ltd.
Kent Co-operative Society Ltd.
Ormeau Bakery Ltd.
RHM Foods Ltd.
Read Woodrow Ltd.
Smith & Son (Langley Mill) Ltd.
Smiths Flour Mills Ltd.
Spillers Ltd.
Tindall, A. W., Ltd.
Weetabix Ltd.
Whitworths Holdings Ltd.

**FLOUR (soya)**
*See Soya Flour*

**FLOUR CONFECTIONERY**
*See Cakes*

**FLOUR CONFECTIONERY (quick frozen)**
Baughan's Foods Ltd.
Birds Eye Foods Ltd.
Clark's Bread Co. Ltd.
Dorset Food Products Ltd.
Ferguson, J. & A. (Bakers) Ltd.
Findus Ltd.
Green, H. J., & Co. Ltd.
Jackson, William & Son Ltd.
Jus-Rol Ltd.
McCain International Ltd.
Reece, S., & Sons Ltd.
Ross Foods Ltd.

**FRUIT (bottled)**
Beaulah, J. & J., Ltd.
Celia Products (Hull) Ltd.
Cornick, W. G. & F. S., Ltd.
Hoskin, A., & Sons
Stokes Bomford (Holdings) Ltd.
Yorkshire Preserving Co. Ltd.

**FRUIT (canned)**
Anglia Canners Ltd.
Appleford Ltd.
Beach, T. W., & Sons Ltd.
Beaulah, J. & J., Ltd.
Beer, I., & Sons Ltd.
Berisford, S. & W., Ltd.
Bibby, J., & Sons Ltd.
Blue Cap Foods (Kent) Ltd.
British Canners Ltd.
Cadbury Typhoo Ltd.
Cook, Donald & Son Ltd.
Co-operative Wholesale Society
Deltec Foods Ltd.
Distillers Co. Ltd.
Fruitfield Preserves Ltd.
Hunter, John A., & Co. Ltd.
Lincolnshire Canners Ltd.
Lovell & Christmas Ltd.
Mather, W. T., Ltd.
Morrell, John, & Co. Ltd.
Newforge Ltd.
Peter's Patent Powder Works Ltd.
Pickerings Foods Ltd.
Rosalind Foods Ltd.
Scott, R. & W., Ltd.
Sharwood, J. A., & Co. Ltd.
Smedley-HP Foods Ltd.
Spring Food Products Ltd.
Stokes Bomford (Holdings) Ltd.
Stratford-upon-Avon Canners Ltd.
Thomas & Jones (Tejay) Ltd.
Torrance, R., & Co. Ltd.
Wilson, Robert, & Sons (Est. 1849) Ltd.

**FRUIT (dehydrated)**
Distillers Co. Ltd.
Peter's Patent Powder Works Ltd.
Swel Foods Ltd.

**FRUIT (dried)**
Berisford, S. & W., Ltd.
Co-operative Wholesale Society
Crestona Ltd.
Crimony Co. Ltd.
Distillers Co. Ltd.
Hunter, P. J., & Co. Ltd.
Landpak Ltd.
Mapletons Foods Ltd.
Sec Foods Ltd.
Thomas & Jones (Tejay) Ltd.
Turban Foods Ltd.
Whitworths Holdings Ltd.

**FRUIT (quick frozen)**
Ainsworth & Burgess Ltd.
Associated Fisheries & Foods Ltd.
Beddington Nut and Produce Co. Ltd.
Birds Eye Foods Ltd.
Blue Cap Frozen Food Services Ltd.
Compass House Ltd.
Findus Ltd.
Gracey Brothers Ltd.
McCain International Ltd.
Muirhead, J., Ltd.
Ross Foods Ltd.
Stokes Bomford (Holdings) Ltd.

### FRUIT (vacuum packed)
Brooke Bond Oxo Ltd.

### FRUIT CONCENTRATES (quick frozen)
Bevan, A. E., Ltd.
Birds Eye Foods Ltd.
Compass House Ltd.
Orange Crush Co. (London) Ltd.
Stokes Bomford (Holdings) Ltd.

### FRUIT FILLINGS
Distillers Co. Ltd.
Pickerings Foods Ltd.
Robertson, James, & Sons Preserve Manufacturers
Stokes Bomford (Holdings) Ltd.
Swel Foods Ltd.
Thomas & Jones (Tejay) Ltd.

### FRUIT JUICES
Barnett & Foster Ltd.
Beaulah, J. & J., Ltd.
Beecham Foods
Berisford, S. & W., Ltd.
Bestoval Products Co. Ltd.
Bevan, A. E., Ltd.
British Vitamin Products Ltd.
Bulmer, H. P., Ltd.
Bush Boake Allen Ltd.
Canada Dry (U.K.) Ltd.
Cantrell & Cochrane Ltd.
Cantrell & Cochrane (Gt. Britain) Ltd.
Cantrell & Cochrane (Southern)
Cooke, Tweedale & Lindsay Ltd.
Co-operative Wholesale Society
Deltec Foods Ltd.
Distillers Co. Ltd.
Fruitfield Preserves Ltd.
Heinz, H. J., Co. Ltd.
Jones, R. L., & Co. Ltd.
Ledbury Preserves (1928) Ltd.
Libby, McNeill & Libby Ltd.
Lincolnshire Canners Ltd.
McDougalls Catering Foods Ltd.
Mapletons Foods Ltd.
Merrydown Wine Co. Ltd.
Morrell, John, & Co. Ltd.
Pickerings Foods Ltd.
Rayner & Co. Ltd.
Rose, L., & Co. Ltd.
Shaw, Benjamin, & Sons Ltd.
Smedley-HP Foods Ltd.
Stokes Bomford (Holdings) Ltd.
White, R. & Sons Ltd.

### FRUIT PIES
Kraft Foods Ltd.
Lyons Bakery Ltd.

### FRUIT PULPS
Beaulah, J. & J., Ltd.
Beddington Nut & Produce Co. Ltd.
Distillers Co. Ltd.
Fruitfield Preserves Ltd.
Morrell, John, & Co. Ltd.
Nelson Preserving Co. Ltd
Peter's Patent Powder Works Ltd.
Stokes Bomford (Holdings) Ltd.

### FRUIT SYRUPS
Colman Foods
Ragus Sugars

### GAME (canned)
Baxter, W. A., & Sons Ltd.
Macrae, D. A., Ltd.

### GINGER (crystallised)
Chocolat Tobler Meltis Ltd.
Harradine, J., & Sons Ltd.
Penguin Confectionery Co. Ltd.
Peter's Patent Powder Works Ltd.
Sharwood, J. A., & Co. Ltd.
Southwell, Charles, & Co. Ltd.
Sun D'Or Ltd.
Wyles Preserves Ltd.

### GINGER IN SYRUP
Estcourt, F. B., Ltd.
Harradine, J., & Sons Ltd.
Heinz, H. J., Co. Ltd.
Noel, L., & Sons Ltd
Penguin Confectionery Co. Ltd
Renshaw, John F., & Co. Ltd.
Sharwood, J. A., & Co. Ltd.

## GRAVIES

Amasal Ltd.
Appleford Ltd.
Badex Ltd.
Bovril Ltd.
Distillers Co. Ltd.
Herridge Foods Ltd.
Knorr Anglo-Swiss Ltd.
Lavery, I. H., & Co. Ltd
RHM Foods Ltd.
Swel Foods Ltd.

## GRAVY BROWNING

Burgess, John, & Son Ltd.
Co-operative Wholesale Society
Cumming, Alfred P., Ltd
Davies Bros. (Neath) Ltd
Distillers Co. Ltd.
Estcourt, F. B., Ltd.
Goodall, Backhouse & Co. Ltd.
Hazlewood & Co. (Products) Ltd
Heinz, H. J., Co. Ltd.
Knorr Anglo-Swiss Ltd.
Newball & Mason Ltd.
Pearce, Duff & Co. Ltd.
Rayner & Co. Ltd.
Sharwood, J. A., & Co. Ltd

## GRAVY CUBES

*See Stock Cubes*

## HAM

Adams, Geo., & Sons (Ruskington) Ltd.
Adkins, W. J., (Cambridge) Ltd.
Baxter, G. G., Ltd.
Belvoir Bacon Co. Ltd.
Brown & Knight Ltd.
Cavaghan & Gray Ltd.
Co-operative Wholesale Society
Cunningham, D., (1956) Ltd.
De Haan (Foods) Ltd.
Deltec Foods Ltd.
Denny, Henry & Sons Ltd.
Direct Table Produce Co. Ltd
Distillers Co. Ltd.
Dunmow Flitch Bacon Co. Ltd.
Epicure Ham Co. Ltd.
Ferguson, J. & A. (Bakers) Ltd.
Gaskell Bros. Ltd.
Gillard & Co. Ltd.
Hall, David A., Ltd.
Harris, C. & T., (Calne) Ltd
Harris (Eastleigh) Ltd.
Harris (Ipswich) Ltd.
Hart, J. T., & Sons Ltd.
Hillier's Bacon Curing Co. Ltd.
Homestead Produce Co.
Horowitz, C. & J., Ltd.
Hunter, John A., & Co. Ltd.
Hygrade Meats Ltd.
Ipswich Co-operative Society
Lawson of Dyce Ltd.
Lovell & Christmas Ltd.
McMillan, William, Ltd.
Marsh & Baxter Ltd.
Mattessons Meats Ltd.
Miller, W. L., & Sons Ltd.
Nickson, George & John, & Co.
Northern Ireland Farmers Bacon
Oake, Woods & Co. Ltd.
Palethorpes Ltd.
Piper Products (Poole) Ltd.
Pork Farms Ltd.
Roberts & Birch Ltd.
Roberts & Sons (Curers) Ltd.
St. Margaret Wiltshire Bacon Factory Ltd.
Scot Bowyers Ltd.
Somerwest Ltd.
South Suburban Co-op. Society Ltd.
Spear Bros. & Clark Ltd.
Towers of Stafford
Ulster Farmers' Bacon Co. (Newry) Ltd.
Unigate Ltd.
Vale of Mowbray Bacon Co. Ltd.
Wall's Meat Co. Ltd.
Wiltshire Bacon Co. Ltd.
Wright, William, (Manufacturers) Ltd.
Yorkshire Farmers' Bacon Factory (1932) Ltd.

## HERBS (culinary)

Amasal Ltd.
Bremith Foods Ltd.
British Pepper & Spice Co. Ltd.

Co-operative Wholesale Society
Distillers Co. Ltd.
Goodall, Backhouse & Co. Ltd.
Heinz, H. J., Co. Ltd.
Newball & Mason Ltd.
Noel, L., & Sons Ltd.
Pearce Duff & Co. Ltd.
Rakusen, Lloyd & Sons Ltd.
Schwarz Spices Ltd.
Spillers Ltd.

## HONEY

Beaulah, J. & J., Ltd.
Colman Foods
Co-operative Wholesale Society
Distillers Co. Ltd.
Elsenham Quality Foods Ltd.
Ferguson, J. & A., (Bakers) Ltd.
Granose Foods Ltd.
Manley Pure Foods (Holdings) Ltd.
Mapletons Foods Ltd.
Merrydown Wine Co. Ltd.
Ragus Sugars
Scott, R. & W., Ltd.

## ICE CREAM

Ashford Creameries (Worcestershire) Ltd
Associated Fisheries & Foods Ltd.
Calorval Ltd.
Carltona Ltd.
Compass House Ltd.
Ebor Ice Cream Co. Ltd.
Filshill, J. W., Ltd.
Hortons Frozen Products Ltd.
Hulley's Dairy Ltd.
Lyons, J., & Co. Ltd.
Lyons Maid Ltd.
Milk Marketing Board for Northern Ireland
Muirhead, J., Ltd.
Northern Dairies (Ireland) Ltd.
Pendleton, William, & Sons Ltd.
Pollards Confections Ltd.
Rea's Creamy Ices Ltd.
Reece, S., & Sons Ltd.
Ross Foods Ltd.
Wall T., & Sons (Ice Cream)

## ICE CREAM POWDER

Glenville Ltd.
Pritchitt, L. E., & Co. Ltd.
Rowntree Mackintosh Ltd.
Thomas & Jones (Tejay) Ltd.

## ICE LOLLIES

Calorval Ltd.
Dalton's, Percy, Famous Peanut Co. Ltd.
Filshill, J. W., Ltd.
Lyons, J., & Co. Ltd.
Lyons Maid Ltd.
Milk Marketing Board For Northern Ireland
Northern Dairies (Ireland) Ltd.
Pendleton, William, & Sons Ltd
Pollards Confections Ltd.
Rea's Creamy Ices Ltd.
Treat Products Ltd.
Wall, T. & Sons (Ice Cream)

## ICE LOLLIES (liquid)

Crystallized Confections (Tip Top) Ltd.
Glenville Ltd.

## INFANT AND INVALID FOODS

Appleford Ltd.
Bovril Ltd.
CPC (United Kingdom) Ltd.
Colman Foods
Cow & Gate Ltd.
Glaxo Laboratories Ltd.
Heinz, H. J., Co. Ltd.
Sister Lauras Infant & Invalid Food Co. Ltd.
Stokes Bomford (Holdings) Ltd.
Wander Ltd.

## JAM

*See Preserves*

## JELLIES (table)

Ltd.
Cadbury Typhoo Ltd.
Co-operative Wholesale Society
Cornick, W. G. & F. S., Ltd.

Distillers Co. Ltd.
Glenville Ltd.
Green, H. J., & Co. Ltd.
McDougall's Catering Foods Ltd.
Nelson Preserving Co. Ltd.
Pearce Duff & Co. Ltd.
Peter's Patent Powder Works Ltd
Rowntree Mackintosh Ltd.
Scottish Flavour & Colour Co. Ltd.
Standard Brands Ltd.

## LARD

Adkins, W. J., (Cambridge) Ltd.
Belvoir Bacon Co. Ltd.
Cardonald Food Products Ltd.
Cavaghan & Gray Ltd.
Co-operative Wholesale Society
Deltec Foods Ltd.
Denny, Henry, & Sons Ltd.
Distillers Co. Ltd.
Dunmow Flitch Bacon Co. Ltd.
F.M.C. (Meat) Ltd.
Gaskell Bros. Ltd.
Harris, C. & T., (Calne) Ltd.
Harris (Eastleigh) Ltd.
Harris (Ipswich) Ltd.
Ipswich Co-operative Society
Kilvert, N., & Sons Ltd.
Kraft Foods Ltd.
Lawson of Dyce Ltd.
Marsh & Baxter Ltd.
Maunder, Lloyd, Ltd.
Menzies, William, Ltd.
Miller, W. L., & Sons Ltd.
Morrell, John, & Co. Ltd.
Nickson, George & John, & Co.
Northern Ireland Farmers Bacon
Oake, Woods & Co. Ltd.
Peerless Refining Co.
Roberts & Sons (Curers) Ltd.
Robinson, A. T., Ltd.
St. Edmunds Bacon Factory Ltd.
St. Margaret Wiltshire Bacon Factory Ltd.
Somerwest Ltd.
Spear Bros. & Clark Ltd.
Ulster Farmers Bacon Co. (Newry) Ltd.
Vale of Mowbray Bacon Co. Ltd.
Wiltshire Bacon Co. Ltd.
Yorkshire Farmers' Bacon Factory (1932) Ltd.

## LEMON CURD

Avana Group Ltd.
Berisford, S. & W., Ltd.
Colman Foods
Co-operative Wholesale Society
Distillers Co. Ltd.
Duerr, F., & Sons Ltd.
Fruitfield Preserves Ltd.
Ledbury Preserves (1928) Ltd.
Mather, W. T., Ltd.
Morley, O. & W., Ltd.
Nelson Preserving Co. Ltd.
Pensan Jams Ltd.
Peter's Patent Powder Works Ltd.
Pumphrey, W. & M., Ltd.
Robertson, James, & Sons Preserve Manufacturers Ltd.
Scott, R. & W., Ltd.
Smith, H., (Purito Products)
Spring Food Products Ltd.
Watson & Philip (Manufacturing)

## LEMONADE, ETC. POWDER

Barratt & Co. Ltd.
Bestoval Products Co. Ltd.
Bonds of London Ltd.
Brooke Bond Oxo Ltd.
Carltona Ltd.
Creamola Food Products Ltd.
Glenville Ltd.
Matlow Bros. Ltd.
Maxilin Ltd.
Peter's Patent Powder Works Ltd.
Pollards Confections Ltd
Rowntree Mackintosh Ltd.

## MAIZE OIL

*See Corn Oil*

## MALT EXTRACT

Bermaline Ltd.
Distillers Co. Ltd.
Munton & Fison Ltd.
Paine & Co. Ltd.
Wander Ltd.

## MALTED FOODS
Beecham Foods
Wander Ltd.

## MARGARINE
Bibby, J., & Sons Ltd.
Cardowan Creameries Ltd.
Co-operative Wholesale Society
Crimony Co. Ltd.
Distillers Co. Ltd.
Humko Products
Kraft Foods Ltd.
Lovell & Christmas Ltd.
Merseyside Food Products Ltd.
Peerless Refining Co. (Liverpool)
Rowallan Creamery Ltd.
Van den Berghs & Jurgens Ltd

## MARMALADE
*See Preserves*

## MAYONNAISE
*See Salad Cream and Mayonnaise*

## MEALS (prepared)
*See Prepared Meals*

## MEAT (dehydrated)
Swel Foods Ltd.

## MEAT (quick frozen)
Adkins, W. J., (Cambridge) Ltd.
Associated Fisheries & Foods Ltd.
Brains Foods
Compass House Ltd.
Findus Ltd.
Gaskell Bros. Ltd.
Leanstock Ltd.
Primecut Foods Ltd.
Ross Foods Ltd.
Swift & Co. Ltd.
Waller, George, (Meat Products) Ltd.
Winton-Smith (Foods) Ltd.

## MEAT EXTRACT
Bovril Ltd.
Brooke Bond Oxo Ltd.
Deltec Foods Ltd.
Homestead Produce Co.

## MEAT PIES
Adams, Geo., & Sons (Ruskington) Ltd.
Adkins, W. J., (Cambridge) Ltd.
Aerated Bread Co. Ltd.
Avana Group Ltd.
Avana Meat Products Ltd.
Baxter, G. G., Ltd.
Belvoir Bacon Co. Ltd
Broadhurst & Co. (Gadbrook) Ltd
Brookes, W. J., & Sons Ltd.
Buswell Foods Ltd.
Cavaghan & Gray Ltd.
Compass House Ltd.
Co-operative Wholesale Society
Denny, Henry, & Sons Ltd.
Dunmow Flitch Bacon Co. Ltd.
Enfield Highway Co-operative Society Ltd.
Epicure Ham Co. Ltd.
Falkirk & District United Co-operative Society Ltd.
Ferguson, James, Ltd.
Gaskell Bros. Ltd.
Gillard & Co. Ltd.
Greater Nottingham Co-operative Society Ltd.
Hall, David A.
Harris, C. & T., (Calne) Ltd.
Harry's Pies Ltd.
Hart, J. T., & Sons Ltd.
Hillier's Bacon Curing Co. Ltd.
Hull & East Riding Co-operative Society Ltd.
Ipswich Co-operative Society
Jackson, William, & Son Ltd.
Jones, Alfred E., Ltd.
Keens (Portsmouth) Ltd.
Kennedy, J. B., Ltd.
Kent Co-operative Society Ltd.
Kirkpatrick, A., of Scotland
Knightsbridge Provision Co. Ltd.
Kraft Foods Ltd.
Lawson of Dyce Ltd.
London Co-operative Society
Loomes, R., Ltd.
Marsh & Baxter Ltd.
Maunder, Lloyd, Ltd.
Milburns Bakers Ltd.
Miller, W. L. & Sons Ltd.

Norie Ltd.
Northern Ireland Farmers Bacon
Palethorpes Ltd.
Piper Products (Poole) Ltd.
Pork Farms Ltd.
Primecut Foods Ltd.
Roberts & Birch Ltd.
Roberts & Sons (Curers) Ltd.
Robertson, William, & Sons
St. Edmunds Bacon Factory Ltd.
Saxby Bros. Ltd.
Scot Bowyers Ltd.
Somerwest Ltd.
Spear Bros. & Clark Ltd.
Sunblest Bakeries (Dundee) Ltd.
Sunblest Bakeries (Sheffield) Ltd.
Superslice Ltd.
Sutherland, E. T., Ltd.
Telfer, Henry, Ltd.
Turner, W. A. Ltd.
Unigate Ltd.
Vale of Mowbray Bacon Co. Ltd.
Wall's Meat Co. Ltd.
Watt, McKellar, Ltd.
Whittle, Hy., Ltd.
Williamson, Ralph, Ltd
Wiltshire Bacon Co. Ltd.
Winton-Smith (Foods) Ltd.
Wright, William, (Manufacturers) Ltd.
Yorkshire Farmers' Bacon Factory (1932) Ltd.

## MEAT PRODUCTS

**(canned)**

Albany Meat Products Ltd.
Amasal Ltd.
Anglia Canners Ltd.
Anglia Canners (Wetherby) Ltd.
Appleford Ltd.
Avana Group Ltd.
Baxter, G. G., Ltd.
Baxter, W. A., & Sons Ltd.
Beaulah, J. & J., Ltd.
Berisford, S. & W., Ltd.
Bovril Ltd.
British Food Canning Co. (Preston) Ltd.
Brooke Bond Oxo Ltd.
Brown & Knight Ltd.
Co-operative Wholesale Society
De Haan (Foods) Ltd.
Deltec Foods Ltd.
Distillers Co. Ltd.
Edwards, Louis C., & Sons (Manufacturing)
Grant Bros. (Meat Canners) Ltd
Hall, David A.
Harris, C. & T., (Calne) Ltd.
Hunter, John A., & Co. Ltd
Libby, McNeill & Libby Ltd.
Loomes, R., Ltd.
Lovell & Christmas Ltd.
Lovell & Christmas (Northern) Ltd.
McDougalls Catering Foods Ltd.
Morrell, John, & Co. Ltd.
Newforge Ltd.
Nickson, George & John, & Co. Ltd.
Palethorpes Ltd.
Producers Bacon Co. (Collin Glen)
Rosalind Foods Ltd.
Shippam, C., Ltd
Simpson Ready Foods Ltd
Smart, W. H., & Co. Ltd
Smedley-HP Foods Ltd.
Spillers Ltd.
Stratford upon Avon Canners Ltd.
Sutherland, E. T., Ltd.
Thomas & Jones (Tejay) Ltd
Veeraswamy's (Food Products) Ltd.
Wall's Meat Co. Ltd.
Ward, N. Y. P., & Co. Ltd
Williamson, Ralph, Ltd.
Wilson, Robert, & Sons (Est. 1849)

## MEAT PRODUCTS

**(in glass)**

Albany Meat Products Ltd.
Co-operative Wholesale Society
Epicure Ham Co. Ltd.

## MEAT PRODUCTS (open pack)

Adams, Geo., & Sons (Ruskington) Ltd.
Adkins, W. J., (Cambridge) Ltd
Albany Meat Products Ltd.
Baxter, G. G., Ltd.
Belvoir Bacon Co. Ltd.

Brown & Knight Ltd.
Buswell Foods Ltd.
Campbell Bros. (Edinburgh) Ltd.
Cavaghan & Gray Ltd.
Cunningham D., (1956) Ltd.
Denny, Henry, & Sons Ltd.
Direct Table Produce Co. Ltd.
Distillers Co. Ltd.
Dunmow Flitch Bacon Co. Ltd
Edwards, Louis C., & Sons (Manufacturing)
F.M.C. (Meat) Ltd.
F.M.C. (Newry) Ltd.
Ferguson, James, Ltd.
Gaskell Bros. Ltd.
Gillard & Co. Ltd.
Hall, David A.
Harris. C. & T., (Calne) Ltd.
Harris (Ipswich) Ltd.
Hart, J. T., & Sons Ltd.
Hartley's (of Potted Beef Fame)
Hillier's Bacon Curing Co. Ltd.
Homestead Produce Co.
Hull & East Riding Co-operative Society Ltd.
Hunter, John A., & Co. Ltd.
Hygrade Meats Ltd.
Ipswich Co-operative Society
Jackson, William, & Son Ltd.
Jones, Alfred E., Ltd.
Keens (Portsmouth) Ltd.
Kingston Sausage Co. Ltd.
Kirkpatrick, A., of Scotland
Knightsbridge Provision Co. Ltd
Kraft Foods Ltd.
Lawson of Dyce Ltd.
Leanstock Ltd.
London Co-operative Society Ltd.
Loomes, R. Ltd.
McMillan, William, Ltd.
Marsh & Baxter Ltd.
Mattessons Meats Ltd.
Maunder, Lloyd, Ltd.
Miller, W. L., & Sons Ltd.
Norie Ltd.
Northern Ireland Farmers Bacon
Oake, Woods & Co. Ltd.
Palethorpes Ltd.
Piper Products (Poole) Ltd.
Pork Farms Ltd.
Primecut Foods Ltd.
Roberts & Birch Ltd.
Roberts & Sons (Curers) Ltd.
Robertson, William, & Sons
St. Edmunds Bacon Factory Ltd.
Saxby Bros. Ltd.
Scot Bowyers Ltd.
Somerwest Ltd.
South Suburban Co-op. Society Ltd.
Spear Bros. & Clark Ltd.
Stratford upon Avon Canners Ltd.
Sutherland, E. T., Ltd.
Swift & Co. Ltd.
Telfer, Henry, Ltd.
Towers of Stafford
Turner, W. A., Ltd.
Unigate Ltd.
Vale of Mowbray Bacon Co. Ltd.
Wall's Meat Co. Ltd.
Waller, George, (Meat Products)
Williamson, Ralph, Ltd.

## MEAT PRODUCTS
**(quick frozen)**

Adams, Geo., & Sons (Ruskington) Ltd.
Adkins, W. J., (Cambridge) Ltd.
Associated Fisheries & Foods Ltd.
Avana Group Ltd.
Avana Meat Products Ltd.
Baughan's Foods Ltd.
Birds Eye Foods Ltd.
Brains Foods
Brooke Bond Oxo Frozen Foods Ltd.
Compass House Ltd.
Country Range Ltd.
Dorset Food Products Ltd.
F.M.C. (Meat) Ltd.
Findus Ltd.
Gaskell Bros. Ltd.
Leanstock Ltd.
Miller, W. L., & Sons Ltd.
Muirhead, J., Ltd.
Primecut Foods Ltd.
Producers Bacon Co. (Collin Glen)
Reece, S., & Sons, Ltd.
Somerwest Ltd.
Telfer, Henry, Ltd.
Tiffany Foods Ltd.

Turner, W. A., Ltd.
Unger Meats Ltd.
Waller, George, (Meat Products)
Wiltshire Bacon Co. Ltd.
Winton-Smith (Foods) Ltd.
Wright, William, (Manufacturers) Ltd.

### MILK (evaporated and condensed)

Carnation Foods Co. Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Express Dairy Foods Ltd.
Libby, McNeill & Libby Ltd.
Nestlé Co. Ltd
Northern Dairies Ltd.
Unigate Ltd.

### MILK (instant)

Cadbury Typhoo Ltd.
Glenville Ltd.
Wander Ltd.

### MILK (long life)

Milk Marketing Board
Murchies Creameries Ltd.
Unigate Ltd.

### MILK (sterilised)

Clover Dairies Ltd.
Co-operative Wholesale Society
Enfield Highway Co-op. Society

### MILK FOODS

Bovril Ltd.
Co-operative Wholesale Society
Kraft Foods Ltd.
Northern Dairies (Ireland) Ltd.
Pickerings Foods Ltd.
Raines Dairy Products

### MILK POWDER

Amasal Ltd.
Bovril Ltd.
Clover Dairies Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Express Dairy Foods Ltd.
Greater Nottingham Co-operative Society Ltd.
Lavery, I. H., & Co. Ltd.
McDougall's Catering Foods Ltd.
Milk Marketing Board
Nestlé Co. Ltd.
North of Scotland Milk Marketing Board
Northern Dairies Ltd.
Peter's Patent Powder Works Ltd.
Pickerings Foods Ltd.
Pritchitt, L. E., & Co. Ltd.
Unigate Ltd.

### MINCEMEAT

Beach, T. W., & Sons Ltd.
Berisford, S. & W., Ltd.
Cadbury Typhoo Ltd.
Co-operative Wholesale Society
Cornick, W. G. & F. S., Ltd.
Distillers Co. Ltd.
Elsenham Quality Foods Ltd.
Fruitfield Preserves Ltd.
Heinz, H. J., Co. Ltd.
Ledbury Preserves (1928) Ltd.
Mather, W. T., Ltd.
Moore, Samuel, Foods Ltd.
Morley, O. & W., Ltd.
Nelson Preserving Co. Ltd.
Ormeau Bakery Ltd.
Pensan Jams Ltd.
Peter's Patent Powder Works Ltd.
Quantock Preserving Co. Ltd.
Robertson, James, & Sons Preserve Manufacturers Ltd.
Scott, R. & W., Ltd.
Spring Food Products Ltd.
Stokes Bomford (Holdings) Ltd.
Watson & Philip (Manufacturing)

### MINT JELLY

Amasal Ltd.
CPC (United Kingdom) Ltd.
Colman Foods
Cooper, Frank, Ltd.
Newball & Mason Ltd.
Scott, R. & W., Ltd.

### MINT SAUCE

Amasal Ltd.
Burgess, John, & Son Ltd.
CPC (United Kingdom) Ltd.

Colman Foods
Cooper, Frank, Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Lowe, J., & Co. (Processed Foods) Ltd.
Newball & Mason Ltd.
Rakusen, Lloyd, & Sons Ltd.

### MOUSSE
Birds Eye Foods Ltd.
Compass House Ltd.
Findus Ltd.
McDougalls Catering Foods Ltd.
Muirhead, J., Ltd.
Ross Foods Ltd.
Wall, T., & Sons (Ice Cream) Ltd.

### MUSHROOMS (canned)
Beaulah, J., & J., Ltd.
Blue Cap Foods (Kent) Ltd.
Country Kitchen Foods Ltd.
Distillers Co. Ltd.
Fruitfield Preserves Ltd.
Morrell, John, & Co. Ltd.
Pickerings Foods Ltd.
RHM Foods Ltd.
Rosalind Foods Ltd.
Torrance, R., & C. Ltd.

### MUSTARD
Amasal Ltd.
British Pepper & Spice Co. Ltd.
Colman Foods
Co-operative Wholesale Society
Distillers Co. Ltd.
Elsenham Quality Foods Ltd.
Estcourt, F. B., Ltd.
La Favorite Ltd.
Lowe, J. & Co. (Processed Foods) Ltd.
Vesop Products Ltd.

### MUSTARD (French)
Colman Foods
Distillers Co. Ltd.
La Favorite Ltd.
Noel, L., & Sons Ltd.
Peter's Patent Powder Works Ltd.
Sharwood, J. A., & Co. Ltd.
Vesop Products Ltd.

### NUT FOODS
Appleford Ltd.
Bestoval Products Co. Ltd.
Cadec Ltd.
Dalton's, Percy, Famous Peanut Co. Ltd.
Granose Foods Ltd.
Larkins of Barking
Mapletons Foods Ltd.
Matlow Bros. Ltd.
Rowntree Mackintosh Ltd.

### NUTS (pre-packed)
Cadec Ltd.
Dalton's, Percy, Famous Peanut Co. Ltd.
Ferguson, J. & A., (Bakers) Ltd.
Hunter, P. J., & Co. Ltd.
Renshaw, John F., & Co. Ltd.
Riley's Potato Crisps Ltd.
Rowntree Mackintosh Ltd.
Standard Brands Ltd.
Turban Foods Ltd.
Whitworths Holdings Ltd.

### OATCAKES
Burton's Gold Medal Biscuits Ltd.
Forbes Simmers Ltd.
Kennedy, J. B., Ltd.
Montgomerie & Co. Ltd.
Ormeau Bakery Ltd.
Paterson's Scottish Shortbread Ltd.

### OATMEAL
Amasal Ltd.
Co-operative Wholesale Society
Crestona Ltd.
Distillers Co. Ltd.
Hogarth, John, Ltd.
Morning Foods Ltd.
Peter's Patent Powder Works Ltd.
Quaker Oats Ltd.
RHM Foods Ltd.
Smith & Son (Langley Mill) Ltd.
Smiths Flour Mills Ltd.

### OATS (rolled)
Co-operative Wholesale Society
Hunter, P. J., & Co. Ltd.
Morning Foods Ltd.
Peter's Patent Powder Works Ltd.

Quaker Oats Ltd.
RHM Foods Ltd.
Smiths Flour Mills Ltd.

### OLIVES

Bennett Opie Ltd.
Britton, B. & A., Ltd.
Distillers Co. Ltd.
Estcourt, F. B., Ltd.
Keddie Ltd.
Noel, L., & Sons Ltd.
Rakusen, Lloyd, & Sons Ltd.
Rayner & Co. Ltd.
Sharwood, J. A., & Co. Ltd.

### PASTA PRODUCTS

Chambourcy Dairy Products Ltd.
Clarke, R. H., Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Heinz, H. J., Co. Ltd.
Hunter, P. J., & Co. Ltd.
Jolly Chefs Foods Ltd.
Marshall, James, (Glasgow) Ltd
Pasta Foods Ltd.
Quaker Oats Ltd.
Rakusen, Lloyd, & Sons Ltd.
Sharwood, J. A., & Co. Ltd.
Vesop Products Ltd.

*See also Ravioli (canned) and Spaghetti (canned)*

### PASTES AND SPREADS (fish)

Bibby, J., & Sons Ltd.
Britton, B. & A., Ltd.
Burgess, John, & Son Ltd.
Co-operative Wholesale Society
Elsenham Quality Foods Ltd.
Farquhar North & Co. Ltd.
Hartley's (of Potted Beef Fame)
Hunter, John A., & Co. Ltd.
RHM Foods Ltd.
Shippam, C., Ltd.
Sutherlands Foods Ltd.
Unigate Ltd.

### PASTES AND SPREADS (meat)

Bibby, J., & Sons Ltd.
Co-operative Wholesale Society
Farquhar North & Co. Ltd.
Hartley's (of Potted Beef Fame)
Hunter, John A., & Co. Ltd.
Nickson, George & John,
RHM Foods Ltd.
Shippam, C., Ltd.
Sutherlands Foods Ltd.
Unigate Ltd.
Wright, W. B., (Provisions) Ltd.
Wright, William, (Manufacturers) Ltd.

### PASTRY (puff)

Adkins, W. J., (Cambridge) Ltd.
Compass House Ltd.
Crestona Ltd.
Distillers Co. Ltd.
Hart, J. T., & Sons Ltd.
Jus-Rol Ltd.
Kennedy, J. B., Ltd.
Norie Ltd.
Saxby Bros. Ltd.
Smith & Son (Langley Mill) Ltd.
Smiths Flour Mills Ltd.
Sunblest Bakeries (Dundee) Ltd.
Turner, W. A., Ltd.

### PASTRY (quick frozen)

Birds Eye Foods Ltd.
Compass House Ltd.
Dorset Food Products Ltd.
Jus-Rol Ltd.
McCain International Ltd.
Primecut Foods Ltd.
Winton-Smith (Foods) Ltd.

### PASTRY (short)

Adkins, W. J. (Cambridge) Ltd.
Compass House Ltd.
Distillers Co. Ltd.
Hart, J. T., & Sons Ltd.
Jus-Rol Ltd.
Saxby Bros. Ltd.
Turner, W. A., Ltd.

### PASTRY MIX

Badex Ltd.
Crimony Co. Ltd.
Distillers Co. Ltd.
Kilvert, N., & Sons Ltd.

Lavery, I. H., & Co. Ltd.
McDougalls Catering Foods Ltd.
Pettitts of Reedham Ltd.
RHM Foods Ltd.
Romix Foods Ltd.
Smith & Son (Langley Mill) Ltd.
Smiths Flour Mills Ltd.
Swel Foods Ltd.

### PEA FLOUR

Crestona Ltd.

### PEANUT PRODUCTS

Cadec Ltd.
Colman Foods
Co-operative Wholesale Society
Crimony Co. Ltd.
Dalton's, Percy, Famous Peanut Co. Ltd.
Distillers Co. Ltd.
Granose Foods Ltd.
Larkins of Barking
Mapletons Foods Ltd.
Matlow Bros. Ltd.
Renshaw, John F., & Co. Ltd.
Rowntree Mackintosh Ltd.
Smiths Food Group
Tudor Food Products

### PEANUTS (salted)

Dalton's, Percy, Famous Peanut Co. Ltd.
Golden Wonder Ltd.
Larkins of Barking
Rowntree Mackintosh Ltd.
Smiths Food Group
Tudor Food Products

### PEARL BARLEY

Amasal Ltd.
Berisford, S. & W., Ltd.
Bestoval Products Co. Ltd.
Co-operative Wholesale Society
Crestona Ltd.
Distillers Co. Ltd.
Heap, Joseph, & Sons Ltd.
Hogarth, John, Ltd.
Hunter, P. J., & Co. Ltd.
Mellish, A. W., Ltd.
Peter's Patent Powder Works Ltd
Rakusen, Lloyd, & Sons Ltd.
Smith & Son (Langley Mill) Ltd.
Smiths Flour Mills Ltd.

### PEAS, BEANS, LENTILS (dried)

Batchelors Foods Ltd.
Beaulah, J. & J., Ltd.
Berisford, S. & W., Ltd.
Bestoval Products Co. Ltd.
Co-operative Wholesale Society
Crestona Ltd.
Distillers Co. Ltd.
Hunter, P. J., & Co. Ltd.
RHM Foods Ltd.
Rakusen, Lloyd, & Sons Ltd.
Reckitt & Colman Food Division
Sec Foods Ltd.
Whitworths Holdings Ltd.

### PECTIN

Bulmer, H. P., Ltd.
General Foods Ltd.

### PEEL

Bennett Opie Ltd.
Berisford, S. & W., Ltd.
Bestoval Products Co. Ltd
British Preserves Ltd.
Co-operative Wholesale Society
Crestona Ltd.
Distillers Co. Ltd.
Fruitfield Preserves Ltd.
Hunter, P. J., & Co. Ltd.
Nelson Preserving Co. Ltd.
Peter's Patent Powder Works Ltd.
Quantock Preserving Co. Ltd.
Southwell, Chas., & Co. Ltd.
Whitworths Holdings Ltd.
Woodbridge Canning Co. Ltd.

### PERRY

Bulmer, H. P., Ltd.
Goldwell Ltd.
Showerings Ltd.
Weston, H., & Sons Ltd.

## PICKLES

Baxter, W. A., & Sons Ltd.
Beach, T. W., & Sons Ltd.
Bennett Opie Ltd.
Britton, B. & A., Ltd.
Brooke Bond Oxo Ltd.
Celia Products (Hull) Ltd.
Cheese Straws (Cheddar) Ltd.
Co-operative Wholesale Society
Crosse & Blackwell Ltd.
Davies Bros. (Neath) Ltd.
Distillers Co. Ltd.
Duerr, F. & Sons Ltd.
Elsenham Quality Foods Ltd.
Estcourt, F. B., Ltd.
Fardons Ltd.
Fowler, Frederick, (Sheffield) Ltd.
Fruitfield Preserves Ltd.
Hazlewood & Co. (Products) Ltd.
Heinz, H. J., Co. Ltd.
Hoskin, A., & Sons
Humber Pickle Co. Ltd.
Keddie Ltd.
Lowe, J., & Co. (Processed Foods)
Lucas, A. H. L., & Sons Ltd.
Marela Ltd.
Premier Pickle Co.
RHM Foods Ltd.
Rakusen, Lloyd, & Sons Ltd.
Rayner & Co. Ltd.
Ross, James, & Son (Newcastle)
Rothwells Pickles Ltd.
Rowats Foods Ltd.
Rowntree Mackintosh Ltd.
Scott, R. & W. Ltd.
Severnside Foods (Bristol) Ltd.
Sharwood, J. A., & Co. Ltd.
Shaws (Huddersfield) Ltd.
Smedley-HP Foods Ltd.
Smith, H., (Purito Products)
Stokes Bomford (Holdings) Ltd.
Yorkshire Preserving Co. Ltd.

## PIE FILLING

Amasal Ltd.
Beecham Foods
Co-operative Wholesale Society
Distillers Co. Ltd.
Fruitfield Preserves Ltd.
Pickerings Foods Ltd.
Quantock Preserving Co. Ltd.
Stokes Bomford (Holdings) Ltd.

## PIE FILLING (dried fruit)

Badex Ltd.
Peter's Patent Powder Works Ltd.
Swel Foods Ltd.

## PIES (Fruit)

**See Fruit Pies**

## PIES (Meat)

**See Meat Pies**

## PINEAPPLE (glacé)

Sharwood, J. A., & Co. Ltd.
Southwell, Chas., & Co. Ltd.
Wyles Preserves Ltd.

## PIZZA

Jolly Chefs Foods Ltd.
King Harry Foods
Zee Fraiza Speciality Foods Ltd.

## PIZZA (frozen)

Tiffany Foods Ltd.

## POTATO CRISPS

Bensons Crisps Ltd.
Burton's Gold Medal Biscuits
Chipmunk Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Dornay Foods Ltd.
Golden Wonder Ltd.
Johnson's Food Products (Kirkham) Ltd.
Riley's Potato Crisps Ltd.
Smiths Food Group
Stokes Bomford (Holdings) Ltd.
Tudor Food Products
Vesop Products Ltd.
Walkers Crisps Ltd.
X-L Crisp Co. (Conisborough)

## POTATO POWDER (instant)

Amasal Ltd.
Cadbury Typhoo Ltd.
Distillers Co. Ltd.

Dornay Foods Ltd.
Kraft Foods Ltd.
McCain International Ltd.
McDougall's Catering Foods Ltd.
Peter's Patent Powder Works Ltd.
Swel Foods Ltd.
Sec Foods Ltd.

### POTATO PRODUCTS (quick frozen)

Birds Eye Foods Ltd.
Compass House Ltd.
Findus Ltd.
Garden King Frozen Foods Ltd.
McCain International Ltd.
Ross Foods Ltd.
Stokes Bomford (Holdings) Ltd.

### POULTRY (canned)

Distillers Co. Ltd.
Macrae, D. A., Ltd.
Ross Poultry Ltd.
Shippam, C., Ltd.
Simpson Ready Foods Ltd.

### POULTRY (quick frozen)

Adkins, W. J., (Cambridge) Ltd.
Birds Eye Foods Ltd.
Cavaghan & Gray Ltd.
Compass House Ltd.
Country Range Ltd.
Eastwood, W. & J. B., Ltd.
F.M.C. (Meat) Ltd. Poultry Division
Findus Ltd.
Gaskell Bros. Ltd.
Golden Produce Ltd.
Gracey Brothers Ltd.
Kershaws Frozen Foods Ltd.
Matthews, Bernard, Ltd.
Maunder, Lloyd, Ltd.
Miller, W. L., & Sons Ltd.
Pettitts of Reedham Ltd.
Pollastra Packers Ltd.
Premier Poultry Packers Ltd.
Ross Poultry Ltd.
Sun Valley Poultry Ltd.
Swift & Co. Ltd.
Wood, J. P., & Sons (Poultry) Ltd

### PREPARED MEALS

Batchelors Foods Ltd.
Colman Foods
Crosse & Blackwell Ltd.
Denny, Henry, & Sons Ltd.
Distillers Co. Ltd.
Ferguson, J. & A., (Bakers) Ltd.
Heinz, H. J., Co. Ltd.
Kraft Foods Ltd.
Stokes Bomford (Holdings) Ltd.
Swel Foods Ltd.

### PREPARED MEALS (quick frozen)

Adkins, W. J., (Cambridge) Ltd.
Avana Group Ltd
Brains Foods
Campbell's Soups Ltd.
Compass House Ltd.
Findus Ltd.
Pollastra Packers Ltd.
Primecut Foods Ltd.
Somerwest Ltd.
Tiffany Foods Ltd.
Turner, W. A., Ltd.
Waldens Wiltshire Foods Ltd.
Winton-Smith (Foods) Ltd.
Zee Fraiza Speciality Foods Ltd.

### PRESERVES

Appleford Ltd.
Avana Group Ltd.
Baxter, W. A., & Sons Ltd.
Beach, T. W., & Sons Ltd.
Berisford, S. & W., Ltd.
British Canners Ltd.
Broadhurst & Co. (Gadbrook) Ltd.
CPC (United Kingdom) Ltd.
Cadbury Typhoo Ltd.
Colman Foods
Cooper, Frank, Ltd.
Co-operative Wholesale Society
Cornick, W. G. & F. S.
Distillers Co. Ltd.
Duerr, F., & Sons Ltd.
Elsenham Quality Foods Ltd.
Fruitfield Preserves Ltd.
Ledbury Preserves (1928) Ltd.
Mackay's of Carnoustie Ltd.

Mather, W. T., Ltd.
Montgomerie & Co. Ltd.
Muirhead, J., Ltd.
Nelson Preserving Co. Ltd.
Newtime Foods Ltd.
Paterson, R., & Sons Ltd.
Pensan Jams Ltd
Pumphrey, W. & M., Ltd.
Quantock Preserving Co. Ltd.
RHM Foods Ltd.
Robertson, James, & Sons Preserve Manufacturers Ltd.
Rose, L., & Co. Ltd.
Ross, James, & Son (Newcastle)
Scott, R. & W., Ltd.
Spring Food Products Ltd.
Stokes Bomford (Holdings) Ltd.
Stratford upon Avon Canners Ltd.
Watson & Philip (Manufacturing)
Wilkin & Sons Ltd.
Yorkshire Preserving Co. Ltd.

## PUDDING MIXES

Badex Ltd.
Carltona Ltd.
Co-operative Wholesale Society
Creamola Food Products Ltd.
Crimony Co. Ltd.
Distillers Co. Ltd.
Goodall Backhouse & Co. Ltd.
Herridge Foods Ltd.
Lavery, I. H., & Co. Ltd.
Lyons, J., & Co. Ltd.
Rowntree Mackintosh Ltd.
Scottish Flavour & Colour Co. Ltd.
Swel Foods Ltd.
Viota Foods Ltd.

## PUDDINGS (canned) milk

Beach, T. W., & Sons Ltd.
Bovril Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Libby, McNeill & Libby Ltd.
Northern Dairies Ltd.
Pickerings Foods Ltd.
Unigate Ltd.

## PUDDINGS (canned) sweet

Co-operative Wholesale Society
Heinz, H. J., Co. Ltd.
Hunter, John A., & Co. Ltd.
Shippam, C., Ltd.
Simpson Ready Foods Ltd.
Torrance, R., & Co. Ltd.

## PUMPERNICKEL

Westphalia Pumpernickel Co. Ltd.

## QUICK FROZEN FOODS

**See under commodity**

## RAVIOLI (canned)

Distillers Co. Ltd.
Heinz, H. J., Co. Ltd.

## RENNET

Burgess, John, & Son Ltd
Hansen's, Chr., Laboratory Ltd

## RICE FLOUR

Distillers Co. Ltd.
Heap, Joseph, & Sons Ltd.
Marshall, James, (Glasgow) Ltd.
Mellish, A. W., Ltd.
Smiths Flour Mills Ltd.

## RICE (Parboiled)

Heap, J., & Sons Ltd.
Whitworth Holdings Ltd.

## SALAD CREAM AND MAYONNAISE

Appleford Ltd.
Britton, B. & A., Ltd.
CPC (United Kingdom) Ltd.
Co-operative Wholesale Society
Cremanaze Salads Ltd.
Crosse & Blackwell Ltd.
Distillers Co. Ltd.
Elsenham Quality Foods Ltd.
Estcourt, F. B., Ltd
Heinz, H. J., Co. Ltd.
Kraft Foods Ltd.
Lowe, J., & Co. (Processed Foods) Ltd.

Rayner & Co. Ltd.
Rosalind Foods Ltd.
Smedley-HP Foods Ltd.
Vesop Products Ltd.

## SALT

Amasal Ltd.
British Salt Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
New Cheshire Salt Works Ltd.
RHM Foods Ltd.
Rakusen, Lloyd, & Sons Ltd.
Supreme Salt Co. Ltd.
Thompson, Ingram, & Sons Ltd.

## SANDWICH SPREADS

Co-operative Wholesale Society
Heinz, H. J., Co. Ltd.
Mapletons Foods Ltd.
Quaker Oats Ltd.
RHM Foods Ltd.

## SAUCE (dessert)

Baxter, W. A., & Sons Ltd.
Distillers Co. Ltd.
Herridge Foods Ltd.
La Favorite Ltd.
Manley Pure Foods (Holdings) Ltd.
Noel, L. & Sons Ltd.
Smedley-HP Foods Ltd.

## SAUCE (horseradish)

Amasal Ltd.
Britton, B. & A., Ltd.
Burgess, John, & Son Ltd.
CPC (United Kingdom) Ltd.
Colman Foods
Distillers Co. Ltd.
Elsenham Quality Foods Ltd.
Estcourt, F. B., Ltd.
Heinz, H. J., Co. Ltd.
La Favorite Ltd.
Lowe, J., & Co. (Processed Foods) Ltd.

## SAUCE (mint)

*See Mint*

## SAUCE (prawn cocktail)

Distillers Co. Ltd.
La Favorite Ltd.
Noel, L. & Sons Ltd.
Sharwood, J. A., & Co. Ltd.

## SAUCE (tartare)

Burgess, John, & Son Ltd.
Colman Foods
Elsenham Quality Foods Ltd.
Estcourt, F. B., Ltd.
Herridge Foods Ltd.
Keddie Ltd.
Kraft Foods Ltd.
La Favorite Ltd.
Noel, L. & Sons Ltd.
Rakusen, Lloyd, & Sons Ltd.
Sharwood, J. A., & Co. Ltd.

## SAUCES

Amasal Ltd.
Appleford Ltd.
Beecham Foods
Birkett & Roberts Ltd.
Burgess, John, & Son Ltd.
Campbell's Soups Ltd.
Colman Foods
Co-operative Wholesale Society
Cornick W. G. & F. S., Ltd.
Cremanaze Salads Ltd.
Crosse & Blackwell Ltd.
Davies Bros. (Neath) Ltd.
Distillers Co. Ltd.
Estcourt, F. B., Ltd.
Fardons Ltd.
Goodall, Backhouse & Co. Ltd
Gracey Brothers Ltd.
Hammonds Sauce Co. Ltd.
Hazlewood & Co. (Products) Ltd.
Heinz, H. J., Co., Ltd.
Herridge Foods Ltd.
Holbrooks Ltd.
Keddie Ltd.
Knorr-Anglo-Swiss Ltd.
La Favorite Ltd.
Libby, McNeill & Libby Ltd.
Lucas, A. H. L., & Sons Ltd.
Marela Ltd.
Noel, L., & Sons Ltd.
Premier Pickle Co.
RHM Foods Ltd.

Rakusen, Lloyd, & Sons Ltd.
Rayner & Co. Ltd.
Rothwells Pickles Ltd.
Rowats Foods Ltd.
Rowntree Mackintosh Ltd.
Sharwood, J. A., & Co. Ltd.
Smedley-HP Foods Ltd.
Smith, H., (Purito Products)
Smith, P., & Co. (Liverpool) Ltd.
Stokes Bomford (Holdings) Ltd.
Swel Foods Ltd.
Zee Fraiza Speciality Foods Ltd.

## SAUCE MIXES

Amasal Ltd.
Bright, Henry, & Sons Ltd.
CPC (United Kingdom) Ltd.
Colman Foods
Distillers Co. Ltd.
Herridge Foods Ltd.
Knorr Anglo-Swiss Ltd.
RHM Foods Ltd.

## SAUSAGES

Adams, Geo., & Sons (Ruskington) Ltd.
Adkins, W. J., (Cambridge) Ltd.
Aerated Bread Co. Ltd.
Associated Fisheries & Foods Ltd.
Baxter, G. G., Ltd.
Belvoir Bacon Co. Ltd.
Brooke Bond Oxo Frozen Foods Ltd.
Brown & Knight Ltd.
Cavaghan & Gray Ltd.
Co-operative Wholesale Society
Cunningham, D., (1956) Ltd.
Denny, Henry, & Sons Ltd.
Direct Table Produce Co. Ltd.
Dunmow Flitch Bacon Co. Ltd.
Edwards, Louis C., & Sons (Manufacturing)
Enfield Highway Co-operative Society Ltd.
Epicure Ham Co. Ltd.
Ferguson, J. & A., (Bakers) Ltd.
Ferguson, James, Ltd.
Gaskell Bros. Ltd.
Gillard & Co. Ltd.
Greater Nottingham Co-operative Society Ltd.
Hall, David A.
Harris, C. & T., (Calne) Ltd.
Harris (Eastleigh) Ltd.
Harris (Ipswich) Ltd.
Hart, J. T., & Sons Ltd.
Hillier's Bacon Curing Co. Ltd.
Homestead Produce Co.
Hull & East Riding Co-operative Society Ltd.
Hunter, John A., & Co. Ltd.
Hygrade Meats Ltd.
Jackson, William, & Son Ltd.
Jones, Alfred E., Ltd.
Keens (Portsmouth) Ltd.
Kingston Sausage Co. Ltd.
Kirkpatrick, A., of Scotland
Knightsbridge Provision Co. Ltd.
Kraft Foods Ltd.
Lawson of Dyce Ltd.
London Co-operative Society
Loomes, R., Ltd.
McMillan, William, Ltd.
Marsh & Baxter Ltd.
Mattessons Meats Ltd.
Miller, W. L., & Sons Ltd.
Norie Ltd.
Northern Ireland Farmers Bacon
Oake, Woods & Co. Ltd.
Palethorpes Ltd.
Piper Products (Poole) Ltd.
Pork Farms Ltd.
Primecut Foods Ltd.
Producers Bacon Co. (Collin Glen)
Roberts & Birch Ltd.
Roberts & Sons (Curers) Ltd.
Robertson, William, & Sons
Rogerson & Black Ltd.
St. Edmund's Bacon Factory Ltd.
St. Margaret Wiltshire Bacon Factory Ltd.
Saxby Bros. Ltd.
Scot Bowyers Ltd.
Smart, W. H., & Co. Ltd.
Somerwest Ltd.
South Suburban Co-op. Society Ltd.
Spear Bros. & Clark Ltd
Sunblest Bakeries (Sheffield) Ltd.

Sutherland, E. T., Ltd.
Telfer, Henry, Ltd.
Towers of Stafford
Turner, W. A., Ltd.
Unigate Ltd.
Vale of Mowbray Bacon Co. Ltd.
Wall's Meat Co. Ltd.
Waller, George, (Meat Products)
Watt, McKellar, Ltd.
Westphalia Pumpernickel Co. Ltd.
Williamson, Ralph, Ltd.
Wiltshire Bacon Co. Ltd.
Wright, William, (Manufacturers) Ltd.
Yorkshire Farmers' Bacon Factory (1932) Ltd.

### SAUSAGES (quick frozen)

Adkins, W. J., (Cambridge) Ltd.
Birds Eye Foods Ltd.
Brains Foods
Compass House Ltd.
Gaskell Bros. Ltd.
Jackson, William, & Son Ltd.
Loomes, R., Ltd.
Primecut Foods Ltd.
Somerwest Ltd.
Turner, W. A., Ltd.
Waller, George (Meat Products)
Winton-Smith (Foods) Ltd.
Wright, William, (Manufacturers) Ltd.

### SEA FOOD DRESSING

Britton, B. & A., Ltd.
Estcourt, F. B., Ltd.
Kraft Foods Ltd.
Lavery, I. H., & Co. Ltd.

### SEMOLINA

Carltona Ltd.
Carrs Flour Mills Ltd.
Clarke, R. H., Ltd.
Colman Foods
Co-operative Wholesale Society
Crestona Ltd.
Distillers Co. Ltd.
Hunter, P. J., & Co. Ltd.
Marshall, James, (Glasgow) Ltd.
Rakusen, Lloyd, & Sons Ltd.
Smith & Son (Langley Mill) Ltd.
Smiths Flour Mills Ltd.
Whitworths Holdings Ltd.

### SHORTBREAD or SHORTCAKE

Atkinsons of Windermere
Christies of Perth Ltd.
City Bakeries Ltd.
Crawford, Wm., & Sons Ltd.
Forbes Simmers Ltd.
Macvitties, Guest & Co. Ltd.
Martins' Bakery Ltd.
Montgomerie & Co. Ltd.
Moores, S.
Paterson's Scottish Shortbread Ltd.
Sunblest Bakeries (Aberdeen) Ltd.
Sunblest Bakeries (Dundee) Ltd.

### SHRIMPS (potted)

Associated Fisheries & Foods Ltd.
Britton, B. & A. Ltd.
Compass House Ltd.
Young's Seafoods Ltd.

### SNACK PRODUCTS

Chipmunk Ltd.
Dalton's, Percy, Famous Peanut Co. Ltd.
Golden Wonder Ltd.
Kraft Foods Ltd.
Riley's Potato Crisps Ltd.
Rowntree Mackintosh Ltd.
Smiths Food Group
Tudor Food Products
Walkers Crisps Ltd.
Whit Products Ltd.

### SOFT DRINKS

Barr, A. G., & Co. Ltd.
Beach, T. W., & Sons Ltd.
Beecham Foods
Bennett Opie Ltd.
Bing's Mineral Waters Ltd.
Bovril Ltd.
Canada Dry (U.K.) Ltd.
Cantrell & Cochrane Ltd.
Cantrell & Cochrane (Gt. Britain) Ltd.

Cantrell & Cochrane (Southern)
Carter's Gold Medal Soft Drinks
Clover Dairies Ltd.
Coca-Cola Bottlers (Scotland & Northern) Ltd.
Coca-Cola Southern Bottlers Ltd.
Colman Foods
Co-operative Wholesale Society
Cornick, W. G. & F. S., Ltd.
Cremanaze Salads Ltd.
Crystal Spring Ltd.
Crystallized Confections (Tip Top) Ltd.
Davies Bros. (Neath) Ltd.
Downward Qualtrough Ltd.
Dyson, H., & Sons (Nelson) Ltd.
Edmondson & Co. Ltd.
Exley, A., & Sons Ltd.
Filshill, J. W., Ltd.
Franklin & Sons (Rickmansworth)
Goldwell Ltd.
Gomersall's Magpie Minerals Ltd.
Gould, Hibberd & Randall Ltd.
Haworth & Sons (Nelson) Ltd.
Hay, William, & Sons (Aberdeen)
Hazlewood & Co. (Products) Ltd.
Jones, R. L., & Co. Ltd.
Lavery, I. H., & Co. Ltd.
Lewis Bros. (Pontardawe) Ltd.
Lyons, J., & Co. Ltd.
Minster (Soft Drinks) Ltd.
Morecambe Soft Drinks Ltd
Murchies Creameries Ltd.
Newbury Mineral Water Co. Ltd.
Nichols, J. N., (Vimto) Ltd.
Northern Dairies (Ireland) Ltd.
Orange Crush Co. (London) Ltd.
Plummer, T. J.
Rayner & Co. Ltd.
Robertson, A., & Co. Ltd.
Robertson, James, & Sons Preserve Manufacturers Ltd.
Rose, L., & Co. Ltd.
Schweppes Ltd.
Seven-Up (Great Britain) Ltd.
Shaw, Benjamin, & Sons Ltd.
She Products Co. Ltd.
Smith, P., & Co. (Liverpool) Ltd.
Stokes Bomford (Holdings) Ltd.
Strathmore Springs Ltd.
Usher, Thomas, & Son Ltd.
White, R., & Sons Ltd.
Whiteways of Whimple Ltd.
Wright, S., & Co. (Walkern) Ltd

**SOUP (canned)**

Anglia Canners Ltd.
Baxter, W. A., & Sons Ltd
Bender & Cassel Ltd.
Campbell's Soups Ltd.
Cooper, Frank, Ltd.
Co-operative Wholesale Society
Crosse & Blackwell Ltd.
Distillers Co. Ltd.
Heinz, H. J., Co. Ltd.
Libby, McNeill & Libby Ltd.
Lusty, John, Ltd.
Paterson, R., & Sons Ltd.
RHM Foods Ltd.
Stokes Bomford (Holdings) Ltd.
Veeraswamy's (Food Products) Ltd.

**SOUP (packeted)**

Appleford Ltd.
Batchelors Foods Ltd.
CPC (United Kingdom) Ltd.
Distillers Co. Ltd.
Estcourt, F. B., Ltd.
Knorr Anglo-Swiss Ltd.
McDougalls Catering Foods Ltd.
Nestlé Co. Ltd.
Rakusen, Lloyd, & Sons Ltd.
Sec Foods Ltd.
Swel Foods Ltd.

**SPAGHETTI (canned)**

Beaulah, J. & J., Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Heinz, H. J., Co. Ltd.

**SPICES**

Amasal Ltd.
Berisford, S. & W., Ltd.
Bestoval Products Co. Ltd.
British Pepper & Spice Co. Ltd.
Distillers Co. Ltd.
Goodall Backhouse & Co. Ltd
Newball & Mason Ltd.
Noel, L., & Sons Ltd.

Pearce Duff & Co. Ltd.
Peter's Patent Powder Works Ltd.
RHM Foods Ltd.
Rakusen, Lloyd, & Sons Ltd.
Schwarz Spices Ltd.
Sharwood, J. A., & Co. Ltd.
Underwood & Barker Ltd.

### SPREADS (fish)

**See Pastes and Spreads (fish)**

### SPREADS (Meat)

**See Pastes and Spreads (Meat)**

### STOCK CUBES

Brooke Bond Oxo Ltd.
Knorr Anglo-Swiss Ltd.

### STUFFING

Amasal Ltd.
Bremith Foods Ltd.
Bright, Henry, & Sons Ltd.
Distillers Co. Ltd.
Herridge Foods Ltd.
Noel, L., & Sons Ltd.
RHM Foods Ltd.
Rakusen, Lloyd, & Sons Ltd.
Spillers Ltd.
Whitworths Holdings Ltd.

### SUET (shredded)

Amasal Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
RHM Foods Ltd.
Shrebe Ltd.
Suvit Ltd.

### SUET DUMPLING MIX

Romix Foods Ltd.

### SUGAR

Berisford, S. & W. Ltd.
British Sugar Corporation Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Gray Knight & Co. Ltd.
Manbré Sugars Ltd.
Peter's Patent Powder Works Ltd.
Pumphrey, W. & M., Ltd.
Ragus Sugars
Sankey Sugar Co. Ltd.
Southwell, Chas., & Co. Ltd.
Tate & Lyle Refineries Ltd.
Westburn Sugar Refineries Ltd.
Whitworth Holdings Ltd.

### SWEETS (boiled sugar)

Albany Confectionery Co. Ltd.
Barker & Dobson Ltd.
Barratt & Co. Ltd.
Bensons Confectionery Ltd.
Blue Bird Confectionery Ltd.
Bonds of London Ltd.
Bristow's of Devon (Manufacturing) Ltd.
Cadbury Ltd.
Callard & Bowser Ltd.
Cavenham Confectionery Ltd.
Co-operative Wholesale Society
Craven, M. A., & Son Ltd.
Daintee Chocolate Confectionery Co. (Blackpool) Ltd.
Docwra, H. M., Ltd.
Esslemont, John E., Ltd.
Ferguson, Alex., Ltd.
Ferguson, J. & A. (Bakers) Ltd.
Filshill, J. W., Ltd.
Fox's Glacier Mints Ltd.
Furniss & Co. Ltd.
Grosvenor Confectionery Co. Ltd.
Hall Bros. (Whitefield) Ltd.
Harradine, J., & Sons Ltd.
Holly Confectionery Co. Ltd.
Keiller, James, & Son Ltd.
King, Alexander, (Wishaw) Ltd.
Lovell, G. F., & Co. Ltd.
McGregor, Edward, Ltd.
Matlow Bros. Ltd.
Maxons Ltd.
Maynards Ltd.
Meadowcroft & Co. Ltd.
Millar, John, & Sons
Mulliner Bros. Ltd.
Needler's Ltd.
Nuttall Riley Ltd.
Palmer, W. A., & Sons
Parkinson, S., & Son (Doncaster)
Pollards Confections Ltd
Redhead & Co. Ltd.
Ross, James, & Son (Edinburgh)
Rowntree Mackintosh Ltd.
Santus, Wm., & Co. Ltd.

Sunblest Bakeries (Dundee) Ltd.
Tavener, Rutledge Ltd.
Thornton, J. W., Ltd.
Tilleys Sweets Ltd.
Trebor Sharps Ltd.
Van Melle Ltd.
Vincent, Harry, Ltd.
Welch & Sons Ltd.
West Countree Confectionery Co.
White, Hudson & Co. Ltd.
Whitworths Holdings Ltd.
Willett Bros. (Chesterfield) Ltd.

### SWEETS (chocolate)

**See Chocolates**

### SWEETS (general)

Airedale Confectionery Ltd. (Harlows Mintoes)
Atkinsons of Windermere
Barker & Dobson Ltd.
Barratt & Co. Ltd.
Bellamy, Joseph, & Sons Ltd.
Bensons Confectionery Ltd.
Cadbury Ltd.
Callard & Bowser Ltd.
Chocolat Tobler Meltis Ltd.
Clyde Confections Ltd.
Co-operative Wholesale Society
Craven, M. A. & Son Ltd.
Daintee Chocolate Confectionery Co. (Blackpool) Ltd.
Docwra, H. M., Ltd.
Dunhills (Pontefract) Ltd.
Elizabeth Candies Ltd.
Esslemont, John E., Ltd.
Ferguson, Alex, Ltd.
Ferguson, J. & A., (Bakers) Ltd
Filshill, J. W., Ltd.
Fryer & Co. (Nelson) Ltd.
Harradine, J., & Sons Ltd.
House of Clarks Ltd.
Jons Toffee Ltd.
King, Alexander, (Wishaw) Ltd
Lees, John J., Ltd
Lings Ltd.
Lion Confectionery Co. Ltd.
Lovell, G. F., & Co. Ltd.
McGregor, Edward, Ltd.
Mars Ltd.
Matlow Bros. Ltd.
Maxilin Ltd.
Maynards Ltd.
Millar, John, & Sons
Needler's Ltd.
Newtime Foods Ltd.
Nuttall Riley Ltd.
Nuttalls (Patamints) Ltd
Ormeau Bakery Ltd.
Palmer, W. A., & Sons
Parkinson, S., & Son (Doncaster)
Payne, George, & Co. Ltd.
Pendleton, William, & Sons Ltd.
Penguin Confectionery Co. Ltd
Pollards Confections Ltd.
Redhead & Co. Ltd.
Ross, James, & Son (Newcastle)
Rowntree Mackintosh Ltd.
Sela Products Ltd.
Shaw, Elizabeth, Ltd.
Southwell, Chas., & Co. Ltd.
Squirrel Horn Ltd.
Stewart, H. W., Ltd.
Sun D'Or Ltd.
Tavener, Rutledge Ltd.
Terry, Joseph, & Sons Ltd.
Thornton, J. W., Ltd.
Trebor Sharps Ltd.
Van Melle Ltd.
Vincent, Harry, Ltd.
Waller & Hartley Ltd.
Welch & Sons Ltd.
West Country Confectionery Co.
White, Hudson & Co. Ltd.

### SWEETS (liquorice)

Barratt & Co. Ltd.
Bassett, Geo., & Co. Ltd.
Bellamy, Joseph, & Sons Ltd.
Burton's Gold Medal Biscuits Ltd.
Co-operative Wholesale Society
Craven, M. A., & Son Ltd.
Dunhills (Pontefract) Ltd.
Ferguson, Alex., Ltd.
Matlow Bros. Ltd.
Rowntree Mackintosh Ltd.
Trebor Sharps Ltd.

**SWEETS (toffee)**

Albany Confectionery Co. Ltd.
Barratt & Co. Ltd.
Bristow's of Devon (Manufacturing) Ltd.
Cadbury Ltd.
Callard & Bowser Ltd.
Cavenham Confectionery Ltd.
Co-operative Wholesale Society
Craven, M. A., & Son Ltd.
Daintee Chocolate Confectionery Co. (Blackpool) Ltd.
Docwra, H. M. Ltd.
Esslemont, John E., Ltd.
Farrah, John, & Harrogate Toffee Ltd.
Ferguson, Alex, Ltd.
Ferguson, J. & A. (Bakers) Ltd.
Filshill, J. W., Ltd.
Harradine, J., & Sons Ltd.
Jons Toffee Ltd.
King, Alexander, (Wishaw) Ltd.
Lovell, G. F., & Co. Ltd.
McGregor, Edward, Ltd.
Matlow Bros. Ltd.
Meadowcroft & Co. Ltd.
Mulliner Bros. Ltd.
Needler's Ltd.
Nuttall Riley Ltd.
Palmer, W. A., & Sons
Parkinson, S., & Son (Doncaster)
Penguin Confectionery Co. Ltd.
Redhead & Co. Ltd.
Rowntree Mackintosh Ltd.
Trebor Sharps Ltd.
Van Melle Ltd.
Vincent, Harry, Ltd.
Walker's Nonsuch Ltd.
Welch & Sons Ltd.
White, Hudson & Co. Ltd

**SYRUP AND TREACLE**

Berisford, S. & W., Ltd.
Distillers Co. Ltd.
Fowler Ltd.
Gray Knight & Co. Ltd.
Manbré Sugars Ltd.
Martineaus Ltd.
Ragus Sugars
Sankey Sugar Co. Ltd.
Tate & Lyle Refineries Ltd.
Westburn Sugar Refineries Ltd.

**TABLE JELLIES**

**See Jellies (table)**

**TABLE WATERS**

Canada Dry (U.K.) Ltd.
Cantrell & Cochrane Ltd.
Cantrell & Cochrane (Gt. Britain) Ltd.
Carter's Gold Medal Soft Drinks Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Dyson, H., & Sons (Nelson) Ltd.
Franklin & Sons (Rickmansworth)
Gould, Hibberd & Randall Ltd.
Haworth & Sons (Nelson) Ltd.
Hay, William, & Sons (Aberdeen)
Morecambe Soft Drinks Ltd.
Schweppes Ltd.
Shaw, Benjamin, & Sons Ltd.
She Products Co. Ltd
Strathmore Springs Ltd.
Usher, Thomas, & Son Ltd.
White, R., & Sons Ltd.

**TAPIOCA**

Berisford, S. & W., Ltd.
Co-operative Wholesale Society
Crestona Ltd.
Distillers Co. Ltd.
Hunter, P. J., & Co. Ltd
Peter's Patent Powder Works Ltd.
Rakusen, Lloyd, & Sons Ltd
Whitworths Holdings Ltd.

**TEA**

Bramah Tea & Coffee Ltd.
Brooke Bond Oxo Ltd.
Cadbury Typhoo Ltd.
Co-operative Wholesale Society
Distillers Co. Ltd.
Esslemont, John E., Ltd.
Ferguson, J. & A., (Bakers) Ltd.
Lyons, J., & Co. Ltd.
Lyons Tetley Ltd.

Nairobi Coffee & Tea Co. Ltd.
Payne, George, & Co. Ltd.
Ridgways Ltd.
Ringtons Ltd.
Schweppes Ltd.
Standard Brands Ltd.
Torring & Stockwell Ltd.
Twining, R., & Co. Ltd.

### TEA (instant)

Bramah Tea & Coffee Ltd.
Nestlé Co. Ltd.
Payne, George, & Co. Ltd.

### TOMATO JUICE

Beaulah, J. & J., Ltd.
Berisford, S. & W., Ltd.
Bestoval Products Co. Ltd.
British Vitamin Products Ltd.
Distillers Co. Ltd.
Goodall Backhouse & Co. Ltd
Heinz, H. J., & Co. Ltd.
Pickerings Foods Ltd.
Smedley-HP Foods Ltd.
Thomas & Jones (Tejay) Ltd.
White, R., & Sons Ltd.

### TURTLE PRODUCTS

Bender & Cassel Ltd.
Lusty, John, Ltd.

### VEGETABLE EXTRACT

Distillers Co. Ltd.
Gray Knight & Co. Ltd.
Vesop Products Ltd.

### VEGETABLE JUICES

Campbell's Soups Ltd.

### VEGETABLE POWDERS

Sec Foods Ltd.
Swel Foods Ltd.

### VEGETABLE SALAD (canned)

Heinz, H. J., Co. Ltd.
Rosalind Foods Ltd.

### VEGETABLES (canned)

Anglia Canners Ltd.
Appleford Ltd.
Batchelors Foods Ltd.
Baxter, W. A., & Sons Ltd.
Beach, T. W., & Sons Ltd.
Beaulah, J. & J., Ltd.
Beecham Foods
Beer, I., & Sons Ltd.
Berisford, S. & W., Ltd.
Bibby, J., & Sons Ltd.
Blue Cap Foods (Kent) Ltd.
British Canners Ltd.
Cadbury Typhoo Ltd.
Cook, Donald, & Son Ltd.
Co-operative Wholesale Society
Deltec Foods Ltd.
Dornay Foods
Fruitfield Preserves Ltd.
Hunter, John A., & Co. Ltd.
Lincolnshire Canners Ltd.
Lovell & Christmas Ltd.
Morrell, John, & Co. Ltd.
Newforge Ltd.
Pickerings Foods Ltd.
RHM Foods Ltd.
Rosalind Foods Ltd.
Sharwood, J. A., & Co. Ltd.
Smedley-HP Foods Ltd.
Spring Food Products Ltd.
Stokes Bomford (Holdings) Ltd.
Stratford-Upon-Avon Canners Ltd.
Thomas & Jones (Tejay) Ltd.
Torrance, R., & Co. Ltd.
Wilson, Robert, & Sons

### VEGETABLES (dehydrated)

Bestoval Products Co. Ltd.
Batchelors Foods Ltd.
Distillers Co. Ltd.
McDougalls Catering Foods Ltd.
Peter's Patent Powder Works Ltd.
Sec Foods Ltd.
Swel Foods Ltd.
Thomas & Jones (Tejay) Ltd.

### VEGETABLES (quick frozen)

Ainsworth & Burgess Ltd.

Associated Fisheries Foods Ltd.
Birds Eye Foods Ltd.
Blue Cap Frozen Food Services Ltd.
Brekkes Ltd.
Compass House Ltd.
Findus Ltd.
Garden King Frozen Foods Ltd.
Jus-Rol Ltd.
McCain International Ltd.
Muirhead, J., Ltd.
Ross Foods Ltd.
Stokes Bomford (Holdings) Ltd.

**VEGETABLES (vacuum packed)**
Brooke Bond Oxo Ltd.

**VINEGAR**
Co-operative Wholesale Society
Crystal Spring Ltd.
Dalton's, Percy, Famous Peanut Co. Ltd.
Davies Bros. (Neath) Ltd.
Distillers Co. Ltd.
Estcourt, F. B., Ltd.
Goodall Backhouse & Co. Ltd.
Hammonds Sauce Co. Ltd.
Hazlewood Co. (Products) Ltd.
Heinz, H. J., Co. Ltd.
La Favorite Ltd.
Manor Vinegar Brewery Co. Ltd.
Merrydown Wine Co. Ltd.
Morecambe Soft Drinks Ltd.
Noel, L., & Sons Ltd.
Penistone Pure Malt Vinegar
Rakusen, Lloyd, & Sons Ltd.
Ross, James, & Son (Newcastle)
Rothwells Pickles Ltd.
Rowats Foods Ltd.
Sarson's Ltd.
Shaws (Huddersfield) Ltd.
Smedley-HP Foods Ltd.
Smith, H., (Purito Products)

**VINEGAR (apple)**
Appleford Ltd.

**VINEGAR (cider)**
Appleford Ltd.
Celia Products (Hull) Ltd.
Merrydown Wine Co. Ltd.
Whiteways of Whimple Ltd.

**WHEY POWDER**
Distillers Co. Ltd.
Express Dairy Foods Ltd.
Kraft Foods Ltd.
Milk Marketing Board
Unigate Ltd.

**YEAST**
Allinson Ltd.
Distillers Co. Ltd.

**YEAST EXTRACT**
Bovril Ltd.
Distillers Co. Ltd.
Granose Foods Ltd.
Mapleton's Foods Ltd.

**YOGHURT**
Chambourcy Dairy Products Ltd.
Co-operative Wholesale Society Ltd.
Express Dairy Foods Ltd.
Milk Marketing Board
Murchies Creameries Ltd.
Northern Dairies Ltd.
Northern Dairies (Ireland) Ltd.
Raines Dairy Products
Stokes Bomford (Holdings) Ltd.
Unigate Ltd.

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# COMMODITIES

## CLASSIFIED

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### ACETIC ACID (80% for pickles and condiment)

B.P. Chemicals International Ltd.
Berk Ltd.
British Fermentation Products Ltd.

### ACETYL METHYL CARBINOLS

Food Industries Ltd.

### ACIDULANTS

Croda Food Ingredients Ltd.
Imperial Chemical Industries Ltd.

### AGAR-AGAR

Allmey & Layfield Ltd.
Amasal Ltd.
Bataller, José, & Co. Ltd.
Berk Ltd.
Branwell, Arthur, & Co. Ltd.
Dailey, A. E., & Co. Ltd.
Davis Gelatine Ltd.
Duché, T. M., & Sons
Goldrei, Ch., Foucard & Son Ltd.
Gutkind, F., & Co. Ltd.
Hamburger, M., & Sons Ltd.
Hodgson Gelatine Ltd.
Kellys, John, (London) Ltd
Kimpton Bros. Ltd.
Kirkpatrick, Barr & Paton (London) Ltd.
Layton, John, & Co. Ltd.
Lucas, T., & Co. Ltd.
Mapleton's Foods Ltd.
Mar-Gel Food Products Ltd.
Mischeff, Kiril, Ltd.
Peter's Patent Powder Works Ltd.
RHM Ingredient Supplies Ltd.
Rickards, L. J., & Co. Ltd.
Ronaldson, John, & Co. Ltd.
Sarant, R., & Co. Ltd.
Union Crystalex Gelatine Ltd.
United Yeast Co. Ltd.
Wynmouth, Lehr & Fatoils Ltd.

### ALBUMEN

Allmey & Layfield Ltd.
Behr, S. & Mathew Ltd.
Benson, F. R., & Partners Ltd.
Branwell, Arthur, & Co. Ltd.
Briess & Co. Ltd.
British Bakels Ltd.
British Fermentation Products Ltd.
Burton, Son & Sanders, Ltd.
Duche, T. M., & Sons (U.K.) Ltd.
Fibrisol Services Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Kellys, John, (London) Ltd.
Renshaw, John F., & Co. Ltd.
Unigate Foods Ltd.
United Yeast Co. Ltd.
Wood, Cecil, (Manchester) Ltd.

### ALGINATES

Alginate Industries Ltd.
Bataller José, & Co. Ltd.
Duche, T. M., & Sons (U.K.)
Mar-Gel Food Products Ltd.
Peter's Patent Powder Works Ltd.

### ALMONDS

Allmey & Layfield Ltd.
Anderson & Coltman Ltd.
Bataller, José, & Co. Ltd.
Branwell, Arthur, & Co. Ltd.
British Fermentation Products Ltd.
Burton, Son & Sanders, Ltd.
Cadec Ltd.
Crimony Co. Ltd.
Dalton's, Percy, Famous Peanut Co. Ltd.
Daniels, S., & Co. Ltd.
Duche, T. M., & Sons (U.K.) Ltd.
Gill & Duffus Ltd.
Hidalgo, M. Augusti, (London) Ltd.
Ingram Bros. (Glasgow) Ltd.
Mapleton's Foods Ltd.
Mischeff, Kiril, Ltd.
Peter's Patent Powder Works Ltd.
Pumphrey, W. & M., Ltd.

Renshaw, John F., & Co. Ltd.
Sefcol (Sales) Ltd.
Unigate Foods Ltd.
United Yeast Co. Ltd.
Wright Crossley & Co. Ltd.

## AMYLO-PECTINS

Helias, H., & Co. Ltd
Tennant, Charles, & Co. Ltd.
Tunnel Refineries Ltd.

## ANCHOVIES

Anderson & Coltman Ltd.
Aylwin, Geo., & Son Ltd.
Bataller, José, & Co. Ltd.
Seyfried, John F., & Sons Ltd.

## ANTIFOAMING AGENTS

Bayer Chemicals Ltd.
Dow Corning Ltd.
Glovers (Chemicals) Ltd.
Imperial Chemical Industries Ltd.
Jacobson Van Den Berg & Co.

## ANTIOXIDANTS

B.P. Chemicals International Ltd.
Benson, F. R., & Partners Ltd.
Croda Food Ingredients Ltd.
Ferro Metal & Chemical Corp.
Gray Knight & Co. Ltd.
Griffith Laboratories (U.K.) Ltd.
Honeywill & Stein Ltd.
Imperial Chemical Industries Ltd.
K.W.-Revai Chemicals Ltd.
Kingsley & Keith (Chemicals) Ltd.
May & Baker Ltd.
Monsanto Ltd.
Naarden (London) Ltd.
Pfizer Ltd.
Rickards, L. J., & Co. Ltd.
Roche Products Ltd.
Soya Foods Ltd.

## APPLE VINEGAR

*See Vinegar (Apple)*

## ARROWROOT

Bestoval Products Ltd.
British Pepper & Spice Co. Ltd.
Brown, James, & Co.
Bruce Starke & Co. Ltd.
Evans Gray & Hood Ltd.
Peter's Patent Powder Works Ltd.
Rickards, L. J., & Co. Ltd.
Ronaldson, John, & Co. Ltd.
United Yeast Co. Ltd.
Wright Crossley & Co. Ltd.

## BAKERS' CHOCOLATE

Allmey & Layfield Ltd.
British Fermentation Products Ltd.
Burton, Son & Sanders, Ltd.
Caxton Chocolate Co. Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Lesme Ltd.
Peter's Patent Powder Works, Ltd.
Petpro 1972 Ltd.
Renshaw, John F., & Co. Ltd.
Rukon Food Co. Ltd.
Sefcol (Sales) Ltd.
Stewart, Wm., & Arnold Ltd.
Unigate Foods Ltd.
United Yeast Co. Ltd.
Van Houten (U.K.) Ltd.
Vasmers Ltd.

## BAKERS' PREPARED MATERIALS

Allmey & Layfield Ltd.
Badex Ltd.
Bakery & Confectionery Products
Behr, S., & Mathew Ltd.
British Arkady Co. Ltd.
British Bakels Ltd.
British Fermentation Products Ltd.
Burton, Son & Sanders, Ltd.
Cadec Ltd.
Craigmillar
Crimony Co. Ltd.
Dohler (U.K.) Ltd.
Edme Ltd.
Glynn Co. Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Lochore & Ferguson Ltd.
Peters Patent Powder Works Ltd.

Pritchitt, L. E., & Co. Ltd.
Pumphrey, W. & M., Ltd.
Renshaw, John F., & Co. Ltd.
Sefcol (Sales) Ltd.
Soya Foods Ltd.
Stewart, Wm., & Arnold Ltd.
Unigate Foods Ltd.
United Yeast Co. Ltd.
Vasmers Ltd.

## BAKERS' SUNDRIES

Alginate Industries Ltd.
Allmey & Layfield Ltd.
Amasal Ltd.
Anderson & Coltman Ltd.
Badex Ltd.
Bakery & Confectionery Products Ltd.
Branwell, Arthur & Co. Ltd.
British Arkady Co. Ltd.
British Fermentation Products Ltd
Brown, James, & Co.
Burton, Son & Sanders Ltd.
Cadec Ltd.
Crimony Co. Ltd.
Culpitt, G. T., & Son Ltd.
Daniels, S., & Co. Ltd.
Dohler (U.K.) Ltd.
Food Industries Ltd.
Glisten Co. Ltd.
Glynn Co. Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Harradine, J., & Sons Ltd.
Ingram Bros. (Glasgow) Ltd
Kohnstamm, H., & Co.,
Layton, John, & Co. Ltd.
Lochore & Ferguson Ltd.
London Oil Medina Ltd.
Mack & Edwards (Distributors) Ltd.
Macphie & Co.
Medina Refinery (Camberine) Ltd.
Mischeff, Kiril, Ltd.
Monsanto Ltd.
Peter's Patent Powder Works Ltd.
Pumphrey, W. & M., Ltd.
Ragus Sugars
Sefcol (Sales) Ltd.
Seyfried, John F., & Sons Ltd.
Soya Foods Ltd.
Spicemanns Ltd.
Springlow Sales Ltd.
Stewart, Wm., & Arnold Ltd
Thomas & Jones (Tejay) Ltd.
Unigate Foods Ltd.
United Yeast Co. Ltd.
Wright, Crossley & Co. Ltd.
Wyles Preserves Ltd.

## BAKING POWDER

Albright & Wilson Ltd. Oldbury Division
Allmey & Layfield Ltd.
Badex Ltd.
Bestoval Products Ltd.
British Bakels Ltd.
British Fermentation Products Ltd.
Burton, Son & Sanders, Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Lucas, T., & Co. Ltd.
McCaul, Gilbert J., & Co. Ltd.
Peter's Patent Powder Works Ltd.
RHM Ingredient Supplies Ltd.
Sefcol (Sales) Ltd.
Standard Brands Ltd.
United Yeast Co. Ltd.

## BARLEY FLOUR

Bell, R. F., & Son Ltd.
Brown, James, & Co.
Cereal & General Products Ltd.
Colman Foods
Evans Gray & Hood Ltd.
Mellish, A. W., Ltd.
Rickards, L. J., & Co. Ltd.

## BREAD CRUMBS

Amasal Ltd.
Bright Henry, & Sons Ltd.
Brown, James, & Co.
Griffith Laboratories (U.K.) Ltd.
Liverpool Rusk Co. Ltd.
Lucas, T., & Co. Ltd.
Pelmo Co. Ltd.
Peter's Patent Powder Works Ltd.
RHM Ingredient Supplies Ltd.
Rakusen, Lloyd, & Sons Ltd.
Spice & Flavour Services Ltd.
Whitworths Holdings Ltd.
Wright Crossley & Co. Ltd.

## BREAD IMPROVERS

Badex Ltd.
Bakery & Confectionery Products
Benson, F. R., & Partners Ltd.
British Arkady Co. Ltd.
British Bakels Ltd.
British Fermentation Products Ltd.
British Soya Products Ltd.
Brown, James, & Co.
Crimony Co. Ltd.
Croda Food Ingredients Ltd.
Edme Ltd.
Food Industries Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Grindsted Products Ltd.
Lancashire Condenseries Ltd.
Layton, John, & Co. Ltd.
Lochore & Ferguson Ltd.
Munton & Fison Ltd.
Ragus Sugars
Rickards, L. J., & Co. Ltd.
Roche Products Ltd.
Sefcol (Sales) Ltd.
Soya Foods Ltd.
Unigate Foods Ltd.
United Yeast Co. Ltd.
Vasmers Ltd.

## BREWING SUGARS

Albion Sugar Co. Ltd.
CPC (United Kingdom) Ltd.
Duttson & Knight Ltd.
Gillman & Spencer Ltd.
Manbré Sugars Ltd.
Ragus Sugars
Sugar Products Co.
Tate & Lyle Refineries Ltd.
Tenstar Products Ltd.
Tunnel Refineries Ltd.
Westburn Sugar Refineries Ltd.

## BUTTER FAT

Seyfried, John F., & Sons Ltd.

## CAKE DECORATIONS (edible)

Allmey & Layfield Ltd.
Branwell, A., & Co. Ltd.
British Fermentation Products Ltd.
Burton, Son & Sanders, Ltd.
Culpitt, G. T., & Son Ltd.
Glisten Co. Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Harradine, J., & Sons Ltd.
Peter's Patent Powder Works Ltd.
Ragus Sugars
Renshaw, John F., & Co. Ltd.
Stewart, Wm., & Arnold Ltd.
United Yeast Co. Ltd.
Whitworths Holdings Ltd.
Woodthorpe, Arthur, & Co (Vermicelli) Ltd.

## CAKE & DOUGHNUT MIXES

British Bakels Ltd.
Brown, James, & Co.
Craigmillar
Crimony Co. Ltd.
DCA Industries Ltd.
Lochore & Ferguson Ltd.
Sefcol (Sales) Ltd.
United Yeast Co. Ltd.

## CALCIUM CARBONATE (precipitated)

Kingsley & Keith (Chemicals) Ltd.
Mar-Gel Food Products Ltd.
Sturge, John & E., Ltd.
Thew, Arnott & Co. Ltd.
United Yeast Co. Ltd.
Whitworths Holdings Ltd.

## CALCIUM CASEINATE

*See Caseinates (sodium & calcium)*

## CALCIUM LACTATE

B.P. Chemicals International Ltd.
Croda Food Ingredients Ltd.
Laporte Industries Ltd.

## CAPERS

Bataller, José, & Co. Ltd.
Evans, Gray & Hood Ltd.
Mischeff, Kiril, Ltd.
Rayner & Co. Ltd.
Seyfried, John F., & Sons Ltd.

### CARAMEL
Allmey & Layfield Ltd.
Amasal Ltd.
Bevan, A. E., Ltd.
Brewers' Materials Co. Ltd.
British Fermentation Products Ltd.
Burton, Son & Sanders Ltd.
Bush Boake Allen Ltd.
CPC (United Kingdom) Ltd.
Cumming, Alfred P., Ltd.
Duckworth & Co. (Essences) Ltd.
Duttson & Knight Ltd.
Food Industries Ltd.
Fowler Ltd.
Gillman & Spencer Ltd.
Hay-Lambert Ltd.
Lancashire Condenseries Ltd.
Lucas, T., & Co. Ltd.
Manbré Sugars Ltd.
Newball & Mason Ltd.
Peter's Patent Powder Works Ltd.
Ragus Sugars
Scottish Flavour & Colour Co
Sefcol (Sales) Ltd.
United Yeast Co. Ltd.

### CARAMEL POWDER
Amasal Ltd.
Bush Boake Allen Ltd.
CPC (United Kingdom) Ltd.
Food Industries Ltd.
Gillman & Spencer Ltd.
Hay-Lambert Ltd.
Manbré Sugars Ltd.
Ragus Sugars (Sales) Ltd.
Spicemans Ltd.

### CARBON (decolourizing)
Honeywill-Atlas Ltd.

### CARBON DIOXIDE (gas)
Distillers Co. (Carbon Dioxide) Ltd.
Imperial Chemical Industries Ltd.

### CARBON DIOXIDE (solid)
Distillers Co. (Carbon Dioxide) Ltd.
Imperial Chemical Industries Ltd.

### CASEINATES (sodium & calcium)
Aylwin, George, & Son Ltd.
Benson, F. R., & Partners Ltd.
Briess & Co. Ltd.
Lucas, T., & Co. Ltd.
Mar-Gel Food Products Ltd.
Milk Products (N.Z.) Ltd.
Scottish Milk Marketing Board

### CHARCOAL POWDER (edible
Underwood & Barker Ltd.

### CHEESE (powdered)
Aylwin, Geo., & Son Ltd.
Benson, F. R., & Partners Ltd.
Bovril Food Ingredients
British Fermentation Products Ltd.
Croda Food Ingredients Ltd.
Getz Bros. & Co. Inc.
Semmons, Taylor Co. (U.K.) Ltd.
Unigate Foods Ltd.
Universe Foods Ltd.
Wood, Cecil, (Manchester) Ltd.

### CHERRIES (glacé) drained
Allmey & Layfield Ltd.
Aptunion (U.K.) Ltd.
Bataller, José, & Co. Ltd.
Bennett Opie Ltd.
Bestoval Products Ltd.
Branwell, A., & Co. Ltd.
British Fermentation Products Ltd.
British Preserves Ltd.
Brown, James, & Co.
Burton, Son & Sanders, Ltd.
Daniels, S., & Co. Ltd.
Duché, T. M., & Sons (U.K.) Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Landauer & Co. (Produce) Ltd.
Mapleton's Foods Ltd.
Mischeff, Kiril, Ltd.
Peter's Patent Powder Works Ltd.
Thomas & Jones (Tejay) Ltd.
United Yeast Co. Ltd.
Whitworths Holdings Ltd.
Wright, Crossley & Co. Ltd.

### CHERRIES IN $SO_2$
Anderson & Coltman Ltd.
Bataller, José, & Co. Ltd.
Bennett Opie Ltd.

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And we make it so it gives a rich colour and an appetising appearance.

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Cables: Caramel Uxbridge.

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Branwell, A., & Co. Ltd.
British Preserves Ltd.
Harvey, Sydney, & Co. Ltd.
Israel, Jack L., Ltd.
Kimpton Bros. Ltd.
Mischeff, Kiril, Ltd.
Silber, L. I., & Co. Ltd.

## CHICKEN FAT

Anderson & Coltman Ltd.
Aylwin, Geo., & Son Ltd.
Benson, F. R., & Partners Ltd.
Biddle Sawyer Foods Ltd.
Croda Food Ingredients Ltd.
Daniels, S., & Co. Ltd.
Deltec Foods Ltd.
Semmons, Taylor Co. (U.K.) Ltd.
Seyfried, John F., & Sons Ltd.
Vasmers Ltd.
Wood, Cecil, (Manchester) Ltd.

## CHICKEN MEAT (dehydrated)

Benson, F. R., & Partners Ltd.
Briess & Co. Ltd.
Deltec Foods Ltd.
Mischeff, Kiril, Ltd.
S. & S. Services Ltd.
Semmons, Taylor Co. (U.K.) Ltd.
Seyfried, John F., & Sons Ltd.
Swel Foods Ltd.
Wood, Cecil, (Manchester) Ltd.

## CHICKEN MEAT (quick frozen)

Biddle Sawyer Foods Ltd.
McCormick Foods (U.K.) Ltd.
Seyfried, John F., & Sons Ltd.
Wood, Cecil, (Manchester) Ltd.

## CHICORY

English Chicory Ltd.
Home Grown Chicory Ltd.

## CHOCOLATE CHIPS

Caxton Chocolate Co. Ltd.
Lesme Ltd.
Rukon Food Co. Ltd.

## CHOCOLATE COUVERTURE

Allmey & Layfield Ltd.
Beech's Chocolates Ltd.
Branwell, A., & Co. Ltd.
British Fermentation Products Ltd.
Burton, Son & Sanders, Ltd.
Cadbury Schweppes Ltd.
Caxton Chocolate Co. Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Lesme Ltd.
Mischeff, Kiril, Ltd.
Payne, George, & Co. Ltd.
Peter's Patent Powder Works Ltd.
Petpro 1972 Ltd.
Rukon Food Co. Ltd.
Sefcol (Sales) Ltd.
Stewart, Wm., & Arnold Ltd.
United Yeast Co. Ltd.
Van Houten (U.K.) Ltd.
Vasmers Ltd.

## CHOCOLATE VERMICELLI

Allmey & Layfield Ltd.
Anderson & Woodthorpe (Oldbury) Ltd.
Branwell, A., & Co. Ltd.
British Fermentation Products Ltd.
Brown, James, & Co.
Burton, Son & Sanders, Ltd.
Glisten Co. Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Halligan, H. J., & Co. Ltd.
Harradine, J., & Sons Ltd.
Renshaw, John F., & Co. Ltd.
Sefcol (Sales) Ltd.
Thomas & Jones ("Tejay") Ltd.
Unigate Foods Ltd.
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*See Vinegar (Cider)*

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Courtin & Warner Ltd.
Cumming, Alfred, P., Ltd.
Daniels, S., & Co. Ltd.
Deltec Foods Ltd.
Dohler (U.K.) Ltd.
Dragoco (G.B.) Ltd.
Dubuis & Rowsell Ltd.
Duckworth & Co. (Essences) Ltd.
Essonia Ltd.
Food Industries Ltd.
Givaudan & Co. Ltd.
Glynn Co. Ltd.
Goodwin Tidswell (1968) Ltd.

Graham, William, & Co. (London) Ltd.
Gutkind, F., & Co. Ltd.
Harrison, T., & Co. Ltd.
Harvey, Sydney, & Co. Ltd.
Hidalgo, M. Augusti, (London)
Iberian Foods Ltd.
Fragrances I.F.F. (G.B.) Ltd.
International Flavours &
Jacobson Van Den Berg & Co.
Kean, George C., & Co. Ltd.
Lofil Ltd.
McCaul, Gilbert J., & Co. Ltd.
Mapleton's Foods Ltd.
Mediterra Ltd.
Mischeff, Kiril, Ltd.
Naarden (London) Ltd.
Nieto, Leonard
Polak's Frutal Works Ltd.
Rayner & Co. Ltd.
Rukon Food Co. Ltd.
S. & S. Services Ltd.
Samuelson, P., & Co. Ltd.
Scottish Flavour & Colour Co.
Samuelson, P., & Co. Ltd.
Seyfried, John F., & Sons Ltd.
Silber, L. I., & Co. Ltd.
Sunecta Fruit Juice Co.
Thomas & Jones ("Tejay") Ltd.
United Yeast Co. Ltd.
White Stevenson Ltd.
Whiteways of Whimple Ltd.
Wilson & Mansfield Ltd.
Zimmermann Hobbs Ltd.

## FRUIT PULPS

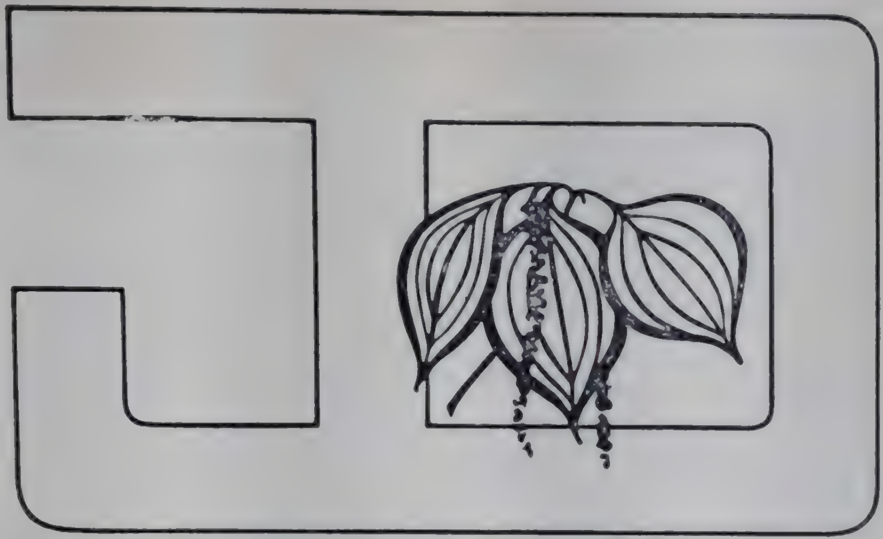
Allmey & Layfield Ltd.
Anderson & Coltman Ltd
Aylwin, Geo., & Son Ltd.
Bataller, José, & Co. Ltd.
Beddington Nut & Produce Co.
Bevan, A. E., Ltd.
Biddle, Sawyer Foods Ltd.
Branwell, Arthur, & Co. Ltd
Bruce Starke & Co. Ltd.
Daniels, S., & Co. Ltd.
Deltec Foods Ltd.
Gutkind, F., & Co., Ltd.
Harvey, Sydney, & Co. Ltd.
Hidalgo, M. Augusti (London)
Iberian Foods Ltd.
Israel, Jack L., Ltd.
Jacobson Van Den Berg & Co.
McCaul, Gilbert J., & Co. Ltd.
Mack & Edwards (Distributors) Ltd.
Mediterra Ltd.
Mischeff, Kiril, Ltd.
Morley, O. & W., Ltd.
Nieto, Leonard
Rukon Food Co. Ltd.
S & S. Services Ltd.
Seyfried, John F., & Sons Ltd
Silber, L. I., & Co. Ltd.
Thomas & Jones (Tejay) Ltd.
United Yeast Co. Ltd.

## GARLIC

Amasal Ltd.
Bataller, José & Co. Ltd.
Branwell, A., & Co. Ltd
British Pepper & Spice Co. Ltd.
Brooks, R., & Co.
Evans Gray & Hood Ltd.
Israel, Jack L., Ltd.
Mischeff, Kiril, Ltd.
Seyfried, John F., & Sons Ltd.
Spicemanns Ltd.
Universe Foods Ltd.
Wynmouth Lehr & Fatoils Ltd.
Zimmermann Hobbs Ltd.

## GARLIC (powdered)

Agricultural & Chemical Products
Amasal Ltd.
Aylwin, Geo., & Sons Ltd.
Bataller, José, & Co. Ltd.
Benson, F. R., & Partners Ltd.
Bovril Food Ingredients
Briess & Co. Ltd.
British Pepper & Spice Co. Ltd.
Brooks, R., & Co.
Dalton, James, (Seasoning & Spices) Ltd.
Demby, Hamilton & Co. Ltd.
Evans Gray & Hood Ltd.
Getz Bros. & Co. Inc.
Israel, Jack L., Ltd.
McCormick Foods (U.K.) Ltd.
Mediterra Ltd.



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Spicemanns Ltd.
Steng, L., & Son (Kennington) Ltd.
Underwood & Barker Ltd.
Universe Foods Ltd.
Wright Crossley & Co. Ltd.
Wynmouth Lehr & Fatoils Ltd.

## GELATINE

Adams, Alfred, & Co. Ltd.
Allmey & Layfield Ltd.
Amasal Ltd.
Bataller, José, & Co. Ltd.
Branwell, Arthur, & Co. Ltd.
British Fermentation Products Ltd.
Croda Food Ingredients Ltd.
Dailey, A. E., & Co. Ltd.
Davis Gelatine Ltd.
Duché, T. M., & Sons (U.K.) Ltd.
Evans Gray & Hood Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Griffith Laboratories (U.K.) Ltd.
Hodgson Gelatine Ltd.
Kemanord Ltd.
Layton, John, & Co. Ltd.
Leiner, P., & Sons Ltd.
Lucas, T., & Co. Ltd.
Newball & Mason Ltd.
Oury, Millar & Co. Ltd.
Peter's Patent Powder Works Ltd
RHM Ingredient Supplies Ltd.
Rayner & Co. Ltd.
Rickards, L. J., & Co. Ltd.
Scottish Flavour & Colour Co.
Steng, L., & Son (Kennington) Ltd.
Union Crystalex Gelatine Ltd.
United Yeast Co. Ltd.

## GELATINE (powdered)

Adams, Alfred, & Co. Ltd.
Allmey & Layfield Ltd.
Amasal Ltd.
Bataller, José, & Co. Ltd.
Branwell, Arthur, & Co. Ltd.
British Fermentation Products Ltd.
Burton, Son & Sanders Ltd.
Croda Food Ingredients Ltd.
Evans Gray & Hood Ltd.
Goodwin Tidswell (1968) Ltd.
Griffith Laboratories (U.K.) Ltd.
Hodgson Gelatine Ltd.
Kemanord Ltd.
Layton, John, & Co. Ltd.
Lucas, T., & Co. Ltd.
Mar-Gel Food Products Ltd.
Oury Millar & Co. Ltd.
RHM Ingredient Supplies Ltd.
Rickards, L. J., & Co. Ltd.
Spicemanns Ltd.
Thomas & Jones ("Tejay") Ltd.
Wright Crossley & Co. Ltd.

## GINGER

Allmey & Layfield Ltd.
Amasal Ltd.
Biddle Sawyer Foods Ltd.
Branwell, A., & Co. Ltd.
British Fermentation Products Ltd.
British Pepper & Spice Co. Ltd.
Brooks, R., & Co.
Brown, James, & Co.
Burton, Son & Sanders, Ltd.
Bush Boake Allen Ltd.
Courtin & Warner Ltd.
Crimony Co. Ltd.
Dalton, James, (Seasoning & Spices) Ltd.
Duché, T. M., & Sons (U.K.) Ltd.
Evans Gray & Hood Ltd.
Ingram Bros. (Glasgow) Ltd.
Israel, Jack L., Ltd.
Kelly, John, (London) Ltd.
Kirkpatrick, Barr & Paton (London) Ltd.
McCaul, Gilbert J., & Co. Ltd.
Mischeff, Kiril, Ltd.
Peter's Patent Powder Works Ltd.
RHM Ingredient Supplies Ltd.
Rakusen, Lloyd, & Sons Ltd.
Renshaw, John, F., & Co. Ltd
Ronaldson, John, & Co. Ltd.
Seyfritd, John F., & Sons Ltd.
Spicemanns Ltd.
Wright Crossley & Co. Ltd

## GLAZE (pastry)

Amasal Ltd.
Badex Ltd.

Bataller, José & Co. Ltd.
Branwell, Arthur, & Co. Ltd.
British Bakels Ltd.
British Fermentation Products Ltd.
Bruce Starke & Co. Ltd.
Butterfield Laboratories Ltd.
Cumming, Alfred P., Ltd.
Glynn Co. Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Goodwin Tidswell (1968) Ltd.
Griffith Laboratories (U.K.) Ltd.
Lucas, T., & Co. Ltd.
Peters Patent Powder Works Ltd.
RHM Ingredient Supplies Ltd.
Scottish Flavour & Colour Co.
Spice & Flavour Services Ltd.
Unigate Foods Ltd.

## GLUCOSE

Albion Sugar Co. Ltd.
Allmey & Layfield Ltd.
Alwitt Ltd.
British Fermentation Products Ltd.
Brown, James, & Co.
Burton, Son & Sanders Ltd.
CPC (United Kingdom) Ltd.
Garton, Sons & Co. Ltd.
Gillman & Spencer Ltd.
Gray, Knight & Co. Ltd
Helias, H., & Co. Ltd.
Ingram Bros (Glasgow) Ltd.
Lancashire Condenseries Ltd.
Manbré Sugars Ltd.
Ragus Sugars
Sefcol (Sales) Ltd.
Sugar Products Co.
Tenstar Products Ltd.
Tunnel Refineries Ltd.
United Yeast Co. Ltd.
Westburn Sugar Refineries Ltd.

## GLUCOSE POWDER

Alwitt Ltd.
Brown, James, & Co.
CPC (United Kingdom) Ltd.
Croda Food Ingredients Ltd.
Dailey, A. E., & Co. Ltd.
Ferro Metal & Chemical Corp.
Helias, H., & Co. Ltd.
Lancashire Condenseries Ltd.
Manbré Sugars Ltd.
Ragus Sugars
Sugar Products Co.
Tennant, Charles, & Co. Ltd.
Tenstar Products Ltd.
Tunnel Refineries Ltd.

## GLUTEN

Allmey & Layfield Ltd.
Alwitt Ltd.
Anderson & Coltman Ltd.
Aylwin, Geo., & Son Ltd.
Badex Ltd.
British Fermentation Products Ltd
KW-Revai Chemicals Ltd.
Lancashire Condenseries Ltd.
Love, N. B., Starches Pty. Ltd.
Rickards, L. J., & Co. Ltd.
Ronaldson, John, & Co. Ltd.
Tenstar Products Ltd.
Wood, Cecil, (Manchester) Ltd.
Wynmouth Lehr & Fatoils Ltd.

## GLYCERINE

Allmey & Layfield Ltd.
British Fermentation Products Ltd
Burton, Son & Sanders Ltd.
Courtin & Warner Ltd.
Croda Food Ingredients Ltd.
Dailey, A. E., & Co. Ltd.
Food Industries Ltd.
Peter's Patent Powder Works Ltd.
Spicemanns Ltd.
United Yeast Co. Ltd.
Wynmouth Lehr & Fatoils Ltd

## GLYCERYL MONOSTEARATE

Bibby, J., & Sons Ltd.
British Fermentation Products Ltd.
Bush Boake Allen Ltd.
Croda Food Ingredients Ltd.
Dailey, A. E., & Co. Ltd.
Essonia Ltd.
Food Industries Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Grindsted Products Ltd.
Kingsley & Keith (Chemicals) Ltd.
Layton, John, & Co. Ltd.
United Yeast Co. Ltd.

## GROUND NUT OIL

Bibby, J., & Sons Ltd.
British Fermentation Products Ltd.
Craigmillar
Dalton's, Percy, Famous Peanut Co. Ltd.
Humko Products
Loders & Nucoline Ltd.
London Oil Medina Ltd.
Medina Refinery (Camberine) Ltd.
Peerless Refining Co. (Liverpool) Ltd.
Rakusen, Lloyd & Sons Ltd.
United Yeast Co. Ltd.

## GUM ACACIA

(*see Gum Arabic*)

## GUM ARABIC

Allmey & Layfield Ltd.
Arnold & Ley Ltd.
Berk Ltd.
Bevan, A. E., Ltd.
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Courtin & Warner Ltd.
Daniel, H. E., Ltd.
Duché, T. M., & Sons
Evans Gray & Hood Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Hamburger, M., & Sons Ltd.
Kimpton Bros. Ltd.
Laing National Ltd.
Mar-Gel Food Products Ltd.
Peter's Patent Powder Works Ltd.
Petpro Ltd.
Rickards, L. J., & Co. Ltd.
Ronaldson, John, & Co. Ltd.
Stewart, Robert, & Sons Ltd.
Thew, Arnott & Co. Ltd.
Wynmouth Lehr & Fatoils Ltd.

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KW-Revai Chemicals Ltd.
Mar-Gel Food Products Ltd.
Rickards, L. J., & Co. Ltd.
Stewart, Robert, & Sons Ltd.
Thew, Arnott & Co. Ltd.
Tragasol Products Ltd
Wynmouth Lehr & Fatoils Ltd.

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Courtin & Warner Ltd.
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Hamburger, M., & Sons Ltd.
Kimpton Bros. Ltd.
Laing National Ltd.
Mar-Gel Food Products Ltd.
Rickards, L. J., & Co. Ltd.
Ronaldson, John, & Co. Ltd.
Stewart, Robert, & Sons Ltd.
Thew, Arnott & Co. Ltd.

## GUM TRAGACANTH

Anderson & Coltman Ltd.
Arnold & Ley Ltd.
Berk Ltd.
Bevan, A. E., Ltd.
Branwell, Arthur, & Co. Ltd.
Courtin & Warner Ltd.
Daniel, H. E., Ltd.
Duché, T. M., & Sons (U.K.) Ltd.
Evans Gray & Hood Ltd
Hamburger, M., & Sons Ltd
Kimpton Bros. Ltd
Mar-Gel Food Products Ltd.
Rickards, L. J., & Co. Ltd
Ronaldson, John, & Co. Ltd.
Stewart, Robert, & Sons Ltd.
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Brown, James, & Co.
Bush Boake Allen Ltd.
C.C. Spice International Ltd.
Dalton, James (Seasonings & Spices) Ltd.
Demby, Hamilton & Co. Ltd.
Evans Gray & Hood Ltd
Griffith Laboratories (U.K.) Ltd.
Gutkind, F., & Co. Ltd.
Kellys, John, (London) Ltd.
Lucas, T., & Co. Ltd.
Mischeff, Kiril, Ltd.
Newball & Mason Ltd.
Peter's Patent Powder Works Ltd.
RHM Ingredient Supplies Ltd.
Rickards, L. J., & Co. Ltd.
Sarant, R., & Co. Ltd.
Seyfried, John F., & Sons Ltd.
Spicemanns Ltd.
Steng, L., & Son (Kennington) Ltd.
Underwood & Barker Ltd.
United Yeast Co. Ltd.
Universe Foods Ltd.
Wright Crossley & Co. Ltd.
Wynmouth Lehr & Fatoils Ltd.

## HONEY

Allmey & Layfield Ltd.
Bataller José, & Co. Ltd.
Benson, F. R., & Partners Ltd.
Biddle Sawyer Foods Ltd.
Branwell, A., & Co. Ltd.
British Fermentation Products Ltd.
Brown, James, & Co.
Colman Foods
Courtin & Warner Ltd.
Garvin, L., & Co. Ltd.
Hidalgo, M. Augusti, (London)
KW-Revai Chemicals Ltd.
Kimpton Bros. Ltd.
Mapleton's Foods Ltd.
Mischeff, Kiril, Ltd.
Ragus Sugars
Rickards L. J., & Co. Ltd.
United Yeast Co. Ltd.
Wood, Cecil, (Manchester) Ltd.

## ICE CREAM FILLER

Halligan, H. J., & Co. Ltd.
Pritchitt, L. E., & Co. Ltd.
Rukon Food Co. Ltd.
Tenstar Products Ltd.
Thomas & Jones (Tejay) Ltd.

## ICE CREAM POWDER

Barnett & Foster Ltd.
Benson, F. R., & Partners Ltd.
Brown, James, & Co.
Food Industries Ltd.
Halligan, H. J., & Co. Ltd.
Pritchitt, L. E., & Co. Ltd.
Valvona Ice Biscuit Co. Ltd.

## INVERT SUGAR

Albion Sugar Co. Ltd.
Allmey & Layfield Ltd.
Croda Food Ingredients Ltd.
Dailey, A. E., & Co. Ltd.
Fowler Ltd.
Gillman & Spencer Ltd.
Gray Knight & Co. Ltd.
Hercules Powder Co. Ltd.
Honeywill & Stein Ltd.
Lochore & Ferguson Ltd.
Manbré Sugars Ltd.
Ragus Sugars
Sugar Products Co.
Tate & Lyle Refineries Ltd.

## INVERTASE

British Fermentation Products Ltd.
Hercules Powder Co. Ltd.
Honeywill & Stein Ltd.
Hughes & Hughes Ltd.
Rickards, L. J., & Co. Ltd.
White Stevenson Ltd.

## ISINGLASS

Gillmann & Spencer Ltd.
Mar-Gel Food Products Ltd.

## ISOPROPYL ALCOHOL

B.P. Chemicals International Ltd.
Honeywill & Stein Ltd.
Kingsley & Keith (Chemicals) Ltd.
Laporte Industries Ltd.
Shell Chemicals, U.K. Ltd.

## LACTALBUMIN

Benson, F. R., & Partners Ltd.
Briess & Co. Ltd.
British Bakels Ltd.
Garvin, L., & Co. Ltd.
Milk Products (N.Z.) Ltd.

## LACTATES

B.P. Chemicals International Ltd.
Croda Food Ingredients Ltd.
Laporte Industries Ltd.

## LACTIC ACID

B.P. Chemicals International Ltd
Croda Food Ingredients Ltd.
Kingsley & Keith (Chemicals) Ltd.
Laporte Industries Ltd.
Monsanto Ltd.
Rickards, L. J., & Co. Ltd.
Tennant, Charles, & Co. Ltd.

## LACTOSE

Courtin & Warner Ltd.
Garvin, L., & Co. Ltd.
K.W.-Revai Chemicals Ltd.
Rickards, L. J., & Co. Ltd.
Whey Products Ltd.

## LECITHIN

Croda Food Ingredients Ltd.
Duché, T. M., & Sons
Getz Bros. & Co. Inc.
Gray Knight & Co. Ltd.
Gutkind, F., & Co. Ltd.
Hercules Powder Co. Ltd.
K.W.-Revai Chemicals Ltd.
Mar-Gel Food Products Ltd.
Semmons, Taylor Co. (U.K.) Ltd.
Wilson & Mansfield Ltd.
Wood, Cecil, (Manchester) Ltd.
Wynmouth, Lehr & Fatoils Ltd.
Zimmermann Hobbs Ltd.

## LIPO-PROTEINS

British Arkady Co. Ltd.
Oppenheimer Casing Co. (U.K.)

## LIQUORICE JUICE BLOCK

Bataller, José, & Co. Ltd.
Biddle, Sawyer & Co. Ltd.
Branwell, A., & Co. Ltd.
Bush Boake Allen Ltd.
Clayton & Jowett Ltd.
Courtin & Warner Ltd.
Evans Gray & Hood Ltd
Ferro Metal & Chemical Corp.
Food Industries Ltd.
Gutkind, F., & Co. Ltd.
Hidalgo, M. Augusti, (London)
Kellys, John, (London) Ltd.
Macandrews & Forbes Ltd.
Rickards, L. J., & Co. Ltd.
Ronaldson, John, & Co. Ltd.

## LOCUST BEAN GUM

Bataller, José, & Co. Ltd.
Branwell, A., & Co. Ltd
Duché, T. M., & Sons (U.K.) Ltd.
Evans Gray & Hood Ltd
Gutkind, F., & Co. Ltd.
Hercules Powder Co. Ltd
Mar-Gel Food Products Ltd.
Peter's Patent Powder Works Ltd.
Rickards, L. J., & Co. Ltd.
Ronaldson, John, & Co. Ltd.
Semmons, Taylor Co. (U.K.) Ltd.
Stewart, Robert, & Sons Ltd.
Tragasol Products Ltd.
Wynmouth Lehr & Fatoils Ltd.

## MALT

A.B.M. Chemicals Ltd.
Dixon Malt Co. Ltd.
Fawcett, Eric, Ltd.
Gillman & Spencer Ltd.
Munton & Fison
Unigate Foods Ltd.
United Yeast Co. Ltd.

## MALT BREAD MEAL

British Fermentation Products Ltd.
Edme Ltd.
Hare, John, (Harrier Products) Ltd.
Unigate Foods Ltd.

## MALT EXTRACT

A.B.M. Chemicals Ltd.
Benson, F. R., & Partners Ltd.
British Fermentation Products Ltd
CPC (United Kingdom) Ltd.
Distillers Co. (Malt Products) Ltd.
Edme Ltd.
Jeffreys, Miller & Co. Ltd
Layton, John, & Co. Ltd
Munton & Fison
Paine & Co. Ltd.
Sugar Products Co.
United Yeast Co. Ltd.

## MALT EXTRACT (dried)

A.B.M. Chemicals Ltd.
Benson, F. R., & Partners Ltd.
British Fermentation Products Ltd.
Distillers Co. (Malt Products) Ltd.
Edme Ltd
Munton & Fison Ltd.
Paine & Co. Ltd.
United Yeast Co. Ltd.

## MALT FLOUR

A.B.M. Chemicals Ltd.
British Fermentation Products Ltd.
Edme Ltd.
Hare, John, (Harrier Products) Ltd.
Munton & Fison Ltd.
Paine & Co. Ltd.
Unigate Foods Ltd.
United Yeast Co. Ltd.

## MALT SUGAR

Jeffreys, Miller & Co. Ltd.
Munton & Fison Ltd.

## MALTOSE SYRUP

Albion Sugar Co. Ltd.
CPC (United Kingdom) Ltd.
Jeffreys, Miller & Co. Ltd.
Munton & Fison Ltd.
Ragus Sugars
Tenstar Products Ltd.
Tunnel Refineries Ltd.

## MALTS, ROASTED

Fawcett, Eric, Ltd
Gillman & Spencer Ltd.

## MANNITOL

Alwitt Ltd.
Berk Ltd.
Honeywill-Atlas Ltd.
Kingsley & Keith (Chemicals) Ltd.
Zimmermann Hobbs Ltd.

## MEAT (dehydrated)

Benson, F. R., & Partners Ltd.
Daniels, S., & Co. Ltd.
Swel Foods Ltd.
Wood, Cecil, (Manchester) Ltd.

## MEAT EXTRACT

Anderson & Coltman Ltd.
Aylwin, Geo., & Son Ltd.
Benson, F. R., & Partners Ltd.
Biddle Sawyer Foods Ltd.
Bovril Food Ingredients
Bruce Starke & Co. Ltd.
Daniels, S., & Co. Ltd.
Deltec Foods Ltd.
Hurvitz, Cyril, (U.K.) Ltd.
Layton, John, & Co. Ltd.
McCaul, Gilbert J., & Co. Ltd.
McCormick Foods (U.K.) Ltd.
Mischeff, Kiril, Ltd.
Semmons, Taylor Co. (U.K.) Ltd.
United Yeast Co. Ltd.

## METHYL-CELLULOSE

Bayer Chemicals Ltd.
British Celanese Ltd.
Imperial Chemical Industries Ltd.
Pritchitt, L. E., & Co. Ltd.

## MILK CHOCOLATE CRUMB

Mischeff, Kiril, Ltd.

## MILK EXTENDER

Soya Foods Ltd.

## MILK POWDER

Allmey & Layfield Ltd.
Amasal Ltd.
Aylwin, Geo., & Son Ltd.
Badex Ltd.
Benson, F. R., & Partners Ltd.
Briess & Co. Ltd.
British Fermentation Products Ltd.

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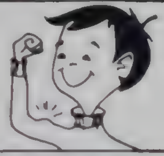

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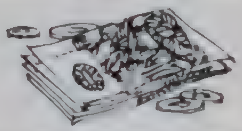

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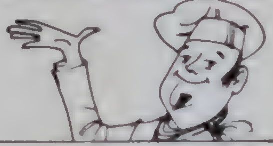

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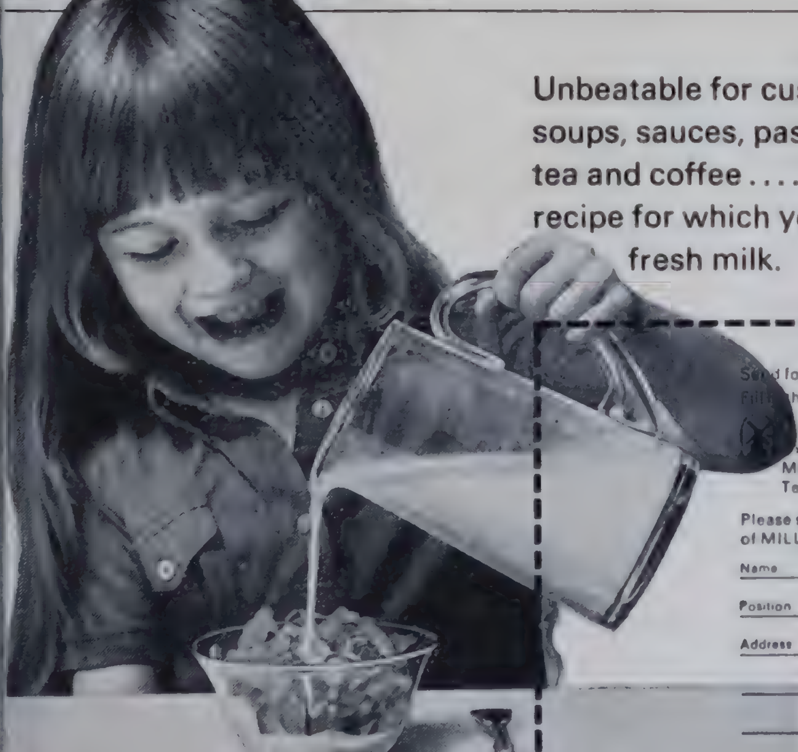

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Lochore & Ferguson Ltd.
McCaul, Gilbert J., & Co. Ltd.
Mischeff, Kiril, Ltd
Nestlé Co. Ltd.
Payne, George, & Co. Ltd.
Peter's Patent Powder Works Ltd.
Philpot, A. H., & Sons
Pritchitt, L. E., & Co. Ltd.
Rickards, L. J., & Co. Ltd.
Scottish Milk Marketing Board
Sefcol (Sales) Ltd.
Spicemanns Ltd.
Thomas & Jones (Tejay) Ltd.
Unigate Foods Ltd.
United Yeast Co. Ltd.
Wood, Cecil, (Manchester) Ltd.

## MILK POWDER (non-dairy)

Benson, F. R., & Partners Ltd.
Daniels, S., & Co. Ltd.
Pritchitt, L. E., & Co. Ltd.

## MOLASSES

Gillman & Spencer Ltd.
Gray Knight & Co. Ltd.
Ingram Bros. (Glasgow) Ltd.
Jeffreys, Miller & Co. Ltd.
McCaul, Gilbert J., & Co. Ltd.
Mapleton's Foods Ltd.
Ragus Sugars
Semmons, Taylor Co. (U.K.) Ltd.
United Molasses Co. Ltd.
Wood, Cecil, (Manchester) Ltd.

## MONOSODIUM GLUTAMATE

Allmey & Layfield Ltd.
Amasal Ltd.
Aylwin, Geo., & Son Ltd.
British Pepper & Spice Co. Ltd
Brown, James, & Co.
Dalton, James, (Seasoning & Spices) Ltd.
Evans Gray & Hood Ltd
Getz Bros. & Co. Inc.
Griffith Laboratories (U.K.) Ltd.
Helias, H., & Co. Ltd.
Hercules Powder Co. Ltd.
Lucas, T., & Co. Ltd.
McCaul, Gilbert J., & Co. Ltd
Mischeff, Kiril, Ltd.
RHM Ingredient Supplies Ltd.
Ronaldson, John, & Co. Ltd.
Seyfried, John F., & Sons Ltd.
Sturge, John & E., Ltd.
Wynmouth Lehr & Fatoils Ltd.

## MUSHROOMS (dehydrated)

Agricultural & Chemical Products
Anderson & Coltman Ltd.
Branwell, A. & Co. Ltd.
Briess & Co. Ltd.
Brooks, R., & Co.
Demby, Hamilton & Co. Ltd.
Evans Gray & Hood Ltd.
Getz Bros & Co. Inc.
Mischeff, Kiril, Ltd.
Rickards, L. J., & Co. Ltd.
Rukon Food Co. Ltd.
S. & S. Services Ltd.
Sarant, R., & Co. Ltd.
Seyfried, John F., & Sons Ltd.
Springlow Sales Ltd.
Swel Foods Ltd.
Wynmouth, Lehr & Fatoils Ltd.

## MUSHROOMS (kibbled)

Agricultural & Chemical Products
Branwell, A., & Co. Ltd.
Brooks, R., & Co.
Demby, Hamilton & Co. Ltd.
Evans Gray & Hood Ltd.
Mischeff, Kiril, Ltd.
Rickards, L. J., & Co. Ltd.
Sarant, R., & Co. Ltd.
Seyfried, John F., & Sons Ltd.
Wynmouth, Lehr & Fatoils Ltd.

## MUSTARD

Allmey & Layfield Ltd.
British Pepper & Spice Co. Ltd.
Brown, James, & Co.
Colman Foods
Evans Gray & Hood Ltd.

Peter's Patent Powder Works Ltd.
Seyfried, John F., & Sons Ltd.
United Yeast Co. Ltd.
Wright Crossley & Co. Ltd.

### NISIN

Aplin & Barrett Ltd.

### NUT KERNELS (ground)

Allmey & Layfield Ltd.
Anderson & Coltman Ltd.
Bestoval Products Ltd.
British Fermentation Products Ltd.
Burton, Son & Sanders, Ltd.
Cadec Ltd.
Crimony Co. Ltd.
Dalton's, Percy, Famous Peanut Co. Ltd.
Daniels, S., & Co. Ltd.
Ingram Bros. (Glasgow) Ltd.
Mapleton's Foods Ltd.
Mischeff, Kiril, Ltd.
Renshaw, John F., & Co. Ltd.
Sefcol (Sales) Ltd.
Unigate Foods Ltd.
United Yeast Co. Ltd.
Whitworths Holdings Ltd.

### NUT KERNELS (whole)

Allmey & Layfield Ltd.
Anderson & Coltman Ltd.
Bataller, José, & Co. Ltd.
Bestoval Products Ltd.
Branwell, A., & Co. Ltd
British Fermentation Products Ltd.
Brown, James, & Co.
Burton Son & Sanders Ltd.
Cadec Ltd.
Crimony Co. Ltd.
Dalton's, Percy, Famous Peanut Co. Ltd.
Daniels, S., & Co. Ltd.
Duché, T. M., & Sons (U.K.)
Gill & Duffus Ltd.
Ingram Bros. (Glasgow) Ltd.
Kirkpatrick, Barr & Paton (London) Ltd.
Landauer & Co. (Produce) Ltd.
Mapleton's Foods Ltd.
Mischeff, Kiril, Ltd.
Sefcol (Sales) Ltd.
Thomas & Jones (Tejay) Ltd.
United Yeast Co. Ltd.
Whitworths Holdings Ltd.

### OAT PRODUCTS (lipase free)

Bell, R. F., & Son Ltd.
Cereal & General Products Ltd.
Morning Foods Ltd.
Quaker Oats Ltd.
Rickards, L. J., & Co. Ltd.
Wright Crossley & Co. Ltd.

### OLIVE OIL

Allmey & Layfield Ltd.
Bataller José, & Co. Ltd.
Bevan, A. E., Ltd.
Bramwell, S., & Co. Ltd.
British Fermentation Products Ltd.
Courtin & Warner Ltd.
Craigmillar
Dalton's, Percy, Famous Peanut Co. Ltd.
Evans Gray & Hood Ltd
Hidalgo, M. Augusti, (London)
London Oil Medina Ltd.
Medina Refinery (Camberine) Ltd.
Mischeff, Kiril, Ltd.
Rayner & Co. Ltd.
United Yeast Co. Ltd.
Zimmermann Hobbs Ltd.

### ONIONS (dehydrated)

Agricultural & Chemical Products
Allmey & Layfield Ltd.
Amasal Ltd.
Aylwin, Geo., & Son Ltd.
Bataller José, & Co. Ltd.
Benson, F. R., & Partners Ltd.
Branwell, Arthur, & Co. Ltd
Briess & Co. Ltd.
British Bakels Ltd.
British Fermentation Products Ltd.
British Pepper & Spice Co. Ltd.
Brooks, R., & Co. Ltd.
Brown, James, & Co.
Dalton, James, (Seasoning & Spices) Ltd.
Demby, Hamilton & Co. Ltd.
Evans Gray & Hood Ltd.

Griffith Laboratories (U.K.) Ltd.
Israel, Jack L., Ltd.
Lucas, T., & Co. Ltd.
McCaul, Gilbert J., & Co. Ltd.
McCormick Foods (U.K.) Ltd.
Mediterra Ltd.
Mischeff, Kiril, Ltd.
Peter's Patent Powder Works Ltd
RHM Ingredient Supplies Ltd.
Rakusen, Lloyd, & Sons Ltd.
Rickards, L. J., & Co. Ltd.
Rukon Food Co. Ltd.
S. & S. Services Ltd.
Sarant, R., & Co., Ltd.
Seyfried, John F., & Sons Ltd.
Spicemanns Ltd.
Springlow Sales Ltd.
Steng, L., & Son (Kennington) Ltd.
Swel Foods Ltd.
Thomas & Jones (Tejay) Ltd.
Universe Foods Ltd.
Whitworths Holdings Ltd.
Wright Crossley & Co. Ltd.
Wynmouth, Lehr & Fatoils Ltd.

### ONIONS (EXTRACT)

Benson, F. R., & Partners Ltd.
Bush Boake Allen Ltd.
Dragoco (G.B.) Ltd.
Florasynth Ltd.
McCormick Foods (U.K.) Ltd.
Mischeff, Kiril, Ltd.
Sarant, R., & Co. Ltd.
Spicemanns Ltd.

### ORANGES (bitter)

Aylwin, Geo., & Son Ltd.
Bataller, José, & Co. Ltd.
Branwell, A., & Co. Ltd.
Harvey, Sydney, & Co. Ltd.
Hildago, M. Augusti, (London) Ltd
Israel, Jack L., Ltd.
Mischeff, Kiril, Ltd.
Nieto, Leonard

### PAPRIKA

Agricultural & Chemical Products
Amasal Ltd.
Anstead, D. F., Ltd.
Aylwin, Geo., & Son Ltd.
Bataller, José, & Co. Ltd.
Branwell, A., & Co. Ltd.
British Pepper & Spice Co. Ltd.
Brooks, R., & Co.
Brown, James, & Co.
Bush Boake Allen Ltd.
Dalton, James (Seasoning & Spices) Ltd.
Evans Gray & Hood Ltd.
Griffith Laboratories (U.K.) Ltd.
Hidalgo, M. Augusti, (London) Ltd.
Iberian Foods Ltd.
Kelly, John, (London) Ltd.
Lucas, T., & Co. Ltd.
McCaul, Gilbert J., & Co. Ltd.
McCormick Foods (U.K.) Ltd.
Mischeff, Kiril, Ltd.
RHM Ingredient Supplies Ltd.
Rakusen, Lloyd, & Sons Ltd.
Rickards, L. J., & Co. Ltd.
Ronaldson, John, & Co. Ltd.
Rukon Food Co. Ltd.
Sarant, R., & Co. Ltd.
Seyfried, John F., & Sons Ltd.
Spicemanns Ltd.
Universe Foods Ltd.
Wright Crossley & Co. Ltd.
Wynmouth Lehr & Fatoils Ltd.

### PASTA PRODUCTS

Brown, James, & Co
Daniels, S., & Co. Ltd.
Graham, William, & Co. (London) Ltd.
Pasta Foods Ltd.
Quaker Oats Ltd.
Rakusen, Lloyd, & Sons Ltd.
United Yeast Co. Ltd.

### PEARL BARLEY

Allmey & Layfield Ltd.
Amasal Ltd.
Bell, R. F., & Son Ltd.
Brown, James, & Co.
Cereal & General Products Ltd.
Colman Foods
Heap, Joseph, & Sons Ltd.
Mellish, A. W., Ltd.
Rickards, L. J., & Co. Ltd.

Silber, L. J., & Co. Ltd.
United Yeast Co. Ltd .
Whitworths Holdings Ltd.

## PEAS, BEANS, LENTILS

Allmey & Layfield Ltd.
Bataller, José, & Co. Ltd.
Branwell, A., & Co. Ltd.
Brown, James, & Co.
Cereal & General Products Ltd.
Daniels, S., & Co. Ltd.
Harvey, Sydney, & Co. Ltd.
McCaul, Gilbert J., & Co. Ltd.
Mischeff, Kiril, Ltd.
Morrell, John, & Co. Ltd.
Rickards, L. J., & Co. Ltd.
S. & S. Services Ltd.
Seyfried, John F., & Sons Ltd.
United Yeast Co. Ltd.
Universe Foods Ltd.
Whitworths Holdings Ltd.

## PECTIN

Bulmer, H. P., Ltd.
Harvey, Sydney, & Co. Ltd.
Hercules Powder Co. Ltd.
Manser, Henry, Ltd.
Mischeff, Kiril, Ltd.
Rickards, L. J., & Co. Ltd.
S. & S. Services Ltd.

## PECTIN (powdered)

Bataller, José, & Co. Ltd.
Duché, T. M., & Sons (U.K.) Ltd.
Harvey, Sydney, & Co. Ltd.
Manser, Henry, Ltd.
Mischeff, Kiril, Ltd.
Rickards, L. J. & Co. Ltd.
S. & S. Services Ltd.
Union Crystalex Gelatine Ltd.

## PEEL (cut mixed)

Allmey & Layfield Ltd.
Aptunion (U.K.) Ltd.
Bataller, José, & Co. Ltd.
Berk Ltd.
Biddle Sawyer Foods Ltd.
Branwell, A., & Co. Ltd.

British Fermentation Products Ltd.
British Preserves Ltd.
Brown, James, & Co.
Burton, Son & Sanders, Ltd.
Daniels, S., & Co. Ltd.
Goldrei, Ch., Foucard & Son Ltd.
Israel, Jack L., Ltd.
Landauer & Co. (Produce) Ltd.
Layton, John, & Co. Ltd.
Mischeff, Kiril, Ltd.
Peter's Patent Powder Works Ltd.
Seyfried, John F., & Sons Ltd.
Thomas & Jones (Tejay) Ltd.
United Yeast Co. Ltd.
Universe Foods Ltd.
Whitworths Holdings Ltd.
Wright Crossley & Co. Ltd.

## PEEL IN BRINE

Bataller, José, & Co. Ltd.
Branwell, A., & Co. Ltd.
Harvey, Sydney, & Co. Ltd.
Hidalgo, M. Augusti, (London) Ltd.
Israel, Jack L., Ltd.
Mischeff, Kiril, Ltd.
Seyfried, John F., & Sons Ltd.

## PHOSPHATES

Agricultural & Chemical Products
Albright & Wilson Ltd., Oldbury Division
Amasal Ltd.
Fibrisol Services Ltd.
Foodtech Ltd.
Griffith Laboratories (U.K.) Ltd.
Lucas, T., & Co. Ltd.
McCaul, Gilbert J., & Co. Ltd.
Oppenheimer Casing Co. (U.K.)
RHM Ingredient Supplies Ltd.
Spice & Flavour Services Ltd.

## PHOSPHATE (edible bone)

Croda Food Ingredients Ltd.
Dalton, James, (Seasoning & Spices) Ltd.
Mar-Gel Food Products Ltd.

## PIE JELLYING POWDER

Allmey & Layfield Ltd.
Amasal Ltd.
Bataller, José, & Co. Ltd.
Branwell, A., & Co. Ltd.
British Bakels Ltd.
British Fermentation Products Ltd.
Burton, Son & Sanders, Ltd.
Duché, T. M., & Sons (U.K.) Ltd.
Food Industries Ltd.
Goldrei, Ch., Foucard & Son
Goodwin Tidswell (1968) Ltd.
Griffith Laboratories (U.K.) Ltd
Gutkind, F., & Co. Ltd.
K.W.-Revai Chemicals Ltd.
Lucas, T., & Co. Ltd.
Peter's Patent Powder Works Ltd.
RHM Ingredient Supplies Ltd.
Spice & Flavour Services Ltd.
Unigate Foods Ltd.

## PIMENTOS (allspice)

Amasal Ltd.
Anderson & Coltman Ltd.
Aylwin, Geo., & Son Ltd.
Bataller, José, & Co. Ltd.
Branwell, A., & Co. Ltd.
British Pepper & Spice Co. Ltd.
Brooks, R., & Co.
Bush Boake Allen Ltd.
Dalton, James, (Seasoning & Spices) Ltd.
Harvey, Sydney, & Co. Ltd.
Hidalgo, M. Augusti, (London) Ltd.
Israel, Jack L., Ltd.
Kellys, John, (London) Ltd.
Lucas, T., & Co. Ltd.
McCormick Foods (U.K.) Ltd.
Mischeff, Kiril, Ltd.
RHM Ingredient Supplies Ltd.
Seyfried, John F., & Sons Ltd.
Wright Crossley & Co. Ltd.

## PIMIENTOS

Anderson & Coltman Ltd.
Aylwin, Geo., & Son Ltd.
Bataller, José, & Co. Ltd.
Bush Boake Allen Ltd.
Iberian Foods Ltd.
Israel, Jack L., Ltd.
Nieto, Leonard
Sarant, R., & Co. Ltd.
Seyfried, John F., & Sons Ltd.
Universe Foods Ltd.

## POTATOES (dehydrated)

Briess & Co. Ltd.
British Bakels Ltd.
Brown, James, & Co.
Rickards, L. J., & Co. Ltd.
Rukon Food Co. Ltd.
Swel Foods Ltd.
United Yeast Co. Ltd.
Universe Foods Ltd.

## PRESERVATIVES

Amasal Ltd.
Aplin & Barrett Ltd.
B.P. Chemicals International Ltd.
Barnett & Foster Ltd.
Bevan, A. E., Ltd.
British Bakels Ltd.
Bush Boake Allen Ltd.
Butterfield Laboratories Ltd.
Clayton & Jowett Ltd.
Croda Food Ingredients Ltd.
Cumming, Alfred P., Ltd.
Dalton, James, (Seasoning & Spices) Ltd.
Duckworth & Co. (Essences) Ltd.
Essonia Ltd.
Glynn Co. Ltd.
Griffith Laboratories (U.K.) Ltd.
Imperial Chemical Industries Ltd.
Lucas, T., & Co. Ltd.
Naarden (London) Ltd.
Pfizer Ltd.
RHM Ingredient Supplies Ltd.
Rickards, L. J., & Co. Ltd.
Spicemanns Ltd.
Steng, L., & Son (Kennington) Ltd.
United Yeast Co. Ltd.

## PROPYLENE GLYCOL

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Jacobson Van Den Berg & Co.
K.W.-Revai Chemicals Ltd.
Kingsley & Keith (Chemicals) Ltd.
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RHM Ingredient Supplies Ltd.
Rickards, L. J., & Co. Ltd.
Soya Foods Ltd.
Wilson & Mansfield Ltd.

**PROTEIN (hydrolysed)**
Amasal Ltd.
Aylwin, Geo., & Son Ltd.
Bestoval Products Ltd.
Biddle Sawyer Foods Ltd.
Bovril Food Ingredients
Croda Food Ingredients Ltd.
Dalton, James, (Seasoning & Spices) Ltd.
Florasynth Ltd.
Gray, Knight & Co. Ltd.
Griffith Laboratories (U.K.) Ltd.
Hercules Powder Co. Ltd.
K.W.-Revai Chemicals Ltd.
Lucas, T., & Co. Ltd.
McCaul, Gilbert J., & Co. Ltd.
Nestlé Co. Ltd.
Rickards, L. J., & Co. Ltd.
Semmons, Taylor Co. (U.K.) Ltd.
United Yeast Co. Ltd.
Vesop Products Ltd.
Wilson & Mansfield Ltd.
Wynmouth Lehr & Fatoils Ltd.

**RAPESEED OIL**
Bibby, J., & Sons Ltd.
Bramwell, S., & Co. Ltd.
Dalton's, Percy, Famous Peanut Co. Ltd.
Humko Products
Layton, John, & Co. Ltd.
Loders & Nucoline Ltd.
London Oil Medina Ltd.
Marfleet Refining Co. Ltd.
Medina Refinery (Camberine) Ltd.

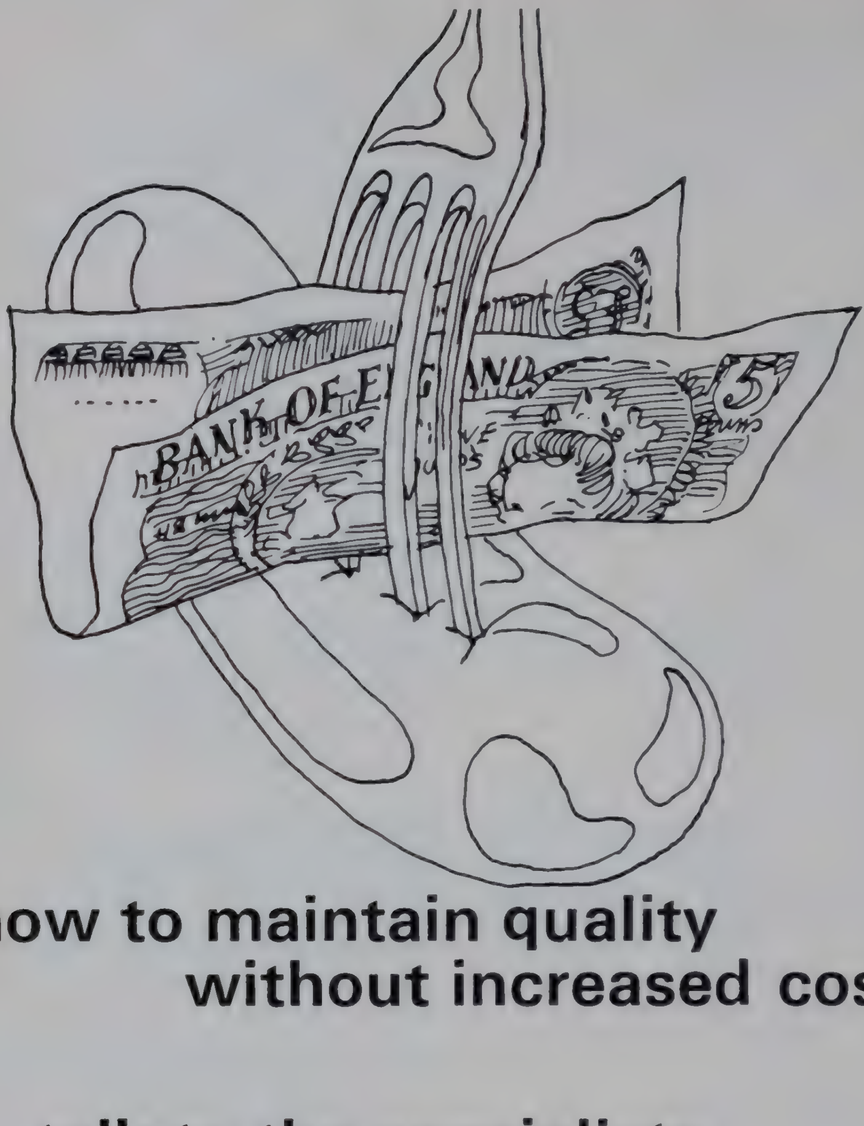
**RICE**
Allmey & Layfield Ltd.
Bataller, José, & Co. Ltd.
Bell, R. F., & Son Ltd.
Brown, James, & Co.
Cereal & General Products Ltd.
Daniels, S., & Co. Ltd.
Evans Gray & Hood Ltd.
Heap, Joseph, & Sons Ltd.
Helias, H., & Co. Ltd.
McCaul, Gilbert J., & Co. Ltd.
Mapleton's Foods Ltd.
Rickards, L. J., & Co. Ltd.
Thames Rice Milling Co. Ltd.
United Yeast Co. Ltd.
Universe Foods Ltd.
Whitworths Holdings Ltd.

**RICE CONES**
Bell, R. F., & Son Ltd.
British Fermentation Products Ltd.
Brown, James, & Co.
Evans Gray & Hood Ltd.
Heap, Joseph, & Sons Ltd.
Peter's Patent Powder Works Ltd.
Rickards, L. J., & Co. Ltd.
Thames Rice Milling Co. Ltd.
United Yeast Co. Ltd.
Whitworths Holdings Ltd.

**RICE FLOUR**
Allmey & Layfield Ltd.
Amasal Ltd.
Bell, R. F., & Son Ltd.
British Fermentation Products Ltd
Brown, James, & Co.
Cereal & General Products Ltd.
Evans Gray & Hood Ltd.
Heap, Joseph, & Sons Ltd.
McCaul, Gilbert J., & Co. Ltd.
Peter's Patent Powder Works Ltd
Rickards, L. J., & Co. Ltd.
Spicemanns Ltd.
Thames Rice Milling Co. Ltd.
United Yeast Co. Ltd.
Whitworths Holdings Ltd.

**RYE PRODUCTS**
British Bakels Ltd.
Brown, James, & Co.
Paine & Co. Ltd.
Rickards, L. J., & Co. Ltd.

**SACCHARIN**
British Saccharin Sales Co. Ltd.
Ferro Metal & Chemical Corp.
Food Industries Ltd.



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Rickards, L. J., & Co. Ltd.

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Bataller, José, & Co. Ltd.
British Bakels Ltd.
Brooks, R., & Co.
Brown, James, & Co.
Courtin & Warner Ltd.
Daniels, S., & Co. Ltd.
Gutkind, F., & Co. Ltd.
Hidalgo, M. Augusti, (London) Ltd.
Iberian Foods Ltd.
Kellys, John, (London) Ltd.
Kimpton Bros. Ltd.
Mayer, H., Senior, Ltd.
Ronaldson, John, & Co. Ltd.
Wright Crossley & Co. Ltd.
Zimmermann Hobbs Ltd.

## SAGO

Allmey & Layfield Ltd.
Brown, James, & Co.
Evans Gray & Hood Ltd.
Helias, H., & Co. Ltd.
Laing National Ltd.
Rickards, L. J., & Co. Ltd.
United Yeast Co. Ltd.
Whitworths Holdings Ltd.

## SALT

Amasal Ltd.
Berk Ltd.
British Fermentation Products Ltd.
British Salt Ltd.
Imperial Chemical Industries Ltd.
Medina Refinery (Camberine) Ltd.
New Cheshire Salt Works Ltd.
Peter's Patent Powder Works Ltd.
Rakusen, Lloyd, & Sons Ltd.
Steng, L., & Son (Kennington) Ltd.
United Yeast Co. Ltd.

## SAUSAGE CASINGS (collagen)

Devro Ltd.

## SAUSAGE CASINGS (natural)

Amasal Ltd.
American Casing Co. Ltd.
Field, G. B., & Co. Ltd.
Gysin & Hanson
Independent Berth Levi Casings Ltd.
Lipton, C. H., & Co. Ltd.
Lucas, T., & Co. Ltd.
Meyer Levy Jun. Ltd.
Morrell, John, & Co. Ltd.
Oppenheimer Casing Co. (U.K.)
RHM Ingredient Supplies Ltd.
Southdown Casing (Selectors)
Standard Trading Co. Ltd.

## SAUSAGE CASINGS (synthetic)

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Briess & Co. Ltd.
Lipton, C. H., & Co. Ltd.
Lucas, T., & Co. Ltd.
Oppenheimer Casing Co. (U.K.)
RHM Ingredient Supplies Ltd.
Southdown Casing (Selectors) Ltd.
Viskase Ltd.

## SAUSAGE RUSK

Allmey & Layfield Ltd.
Amasal Ltd.
Bright, Henry, & Sons Ltd.
Brown, James, & Co.
Liverpool Rusk Co. Ltd.
Lucas, T., & Co. Ltd.
Pelmo Co. Ltd.
RHM Ingredient Supplies Ltd.
Rakusen, Lloyd, & Sons Ltd.
Spillers Ltd.
Steng, L., & Son (Kennington) Ltd.
Whitworths Holdings Ltd.

## SEMOLINA

Allmey & Layfield Ltd.
Brown, James, & Co.
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## SHRIMPS A.F.D.
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Getz Bros. & Co. Inc.
Seyfried, John F., & Sons Ltd.
Wynmouth Lehr & Fatoils Ltd.

## SODIUM BICARBONATE
Allmey & Layfield Ltd.
Bestoval Products Ltd.
British Fermentation Products Ltd.
Brown, James, & Co.
Burton, Son & Sanders, Ltd.
Imperial Chemical Industries Ltd
Kingsley & Keith (Chemicals) Ltd.
Laporte Industries Ltd.
Peter's Patent Powder Works Ltd.
United Yeast Co. Ltd.
Wright Crossley & Co. Ltd.

## SODIUM CASEINATE
*See Caseinates (sodium & calcium)*

## SODIUM CITRATE
Courtin & Warner Ltd.
May & Baker Ltd.
Pfizer Ltd.
Sturge, John & E., Ltd.

## SORBIC ACID
Pfizer Ltd.
Rickards, L. J., & Co. Ltd.
United Yeast Co. Ltd.

## SORBITOL
Alwitt Ltd.
Berk Ltd.
Croda Food Ingredients Ltd.
Ferro Metal & Chemical Corp.
Honeywill-Atlas Ltd.
Kingsley & Keith (Chemicals) Ltd
Laporte Industries Ltd.

## SOUP STOCK
Aylwin, Geo., & Son Ltd.
Benson, F. R., & Partners Ltd.
McCaul, Gilbert J., & Co. Ltd.
Nestlé Co. Ltd.
Seyfried, John F., & Sons Ltd.
Springlow Sales Ltd.

## SOY (China)
Biddle Sawyer Foods Ltd.
Evans Gray & Hood Ltd.
Seyfried, J. F., & Sons Ltd.

## SOY SAUCE
Daniels, S., & Co. Ltd.
Evans Gray & Hood Ltd.
Griffith Laboratories (U.K. Ltd.
Hercules Powder Co. Ltd.
Semmons, Taylor Co. (U.K.) Ltd.
Seyfried, J. F., & Sons Ltd.
Spice & Flavour Services Ltd.

## SOYA BEAN OIL
Bramwell, S., & Co. Ltd.
Dalton's, Percy, Famous Peanut Co. Ltd.
Humko Products
Loders & Nucoline Ltd.
London Oil Medina Ltd.
Marfleet Refining Co. Ltd.
Medina Refinery (Camberine) Ltd.

## SOYA FLOUR
Amasal Ltd.
Bayer Chemicals Ltd.
British Arkady Co. Ltd.
British Soya Products Ltd.
Brown, James, & Co.
Foodtech Ltd.
Griffith Laboratories (U.K.) Ltd.
Lucas, T., & Co. Ltd.
Mar-Gel Food Products Ltd.
Oppenheimer Casing Co. (U.K.)
Rickards, L. J., & Co. Ltd.
Soya Foods Ltd.
Spillers Ltd.
United Yeast Co. Ltd.
Wilson & Mansfield Ltd.

## SPICES
Agricultural & Chemical Products
Allmey & Layfield Ltd.
Amasal Ltd.
Bataller, José, & Co. Ltd.

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British Fermentation Products Ltd.
British Pepper & Spice Co. Ltd.
Brooks, R., & Co.
Brown, James, & Co.
Bruce Starke & Co. Ltd.
Burton, Son & Sanders Ltd.
Bush Boake Allen Ltd.
C.C. Spice International Ltd.
Colman Foods
Dalton, James, (Seasonings & Spices) Ltd.
Evans Gray & Hood Ltd.
Food Industries Ltd.
Foodtech Ltd.
Fritzsche Dodge & Olcott (U.K.) Ltd.
Glynn Co. Ltd.
Goldrei, Ch., Foucard & Son
Griffith Laboratories (U.K.) Ltd.
Hamburger, M., & Sons Ltd.
Kellys, John, (London) Ltd.
Lucas, T., & Co. Ltd.
McCormick Foods (U.K.) Ltd.
Newball & Mason Ltd.
Peter's Patent Powder Works Ltd
RHM Ingredient Supplies Ltd.
Rakusen, Lloyd, & Sons Ltd.
Ronaldson, John, & Co. Ltd.
Rukon Food Co. Ltd.
Sarant, R., & Co. Ltd.
Scottish Flavour & Colour Co.
Seyfried, John F., & Sons Ltd.
Spice & Flavour Services Ltd.
Spicemanns Ltd.
Steng, L., & Son (Kennington) Ltd.
Thomas & Jones (Tejay) Ltd.
Underwood & Barker Ltd.
United Yeast Co. Ltd.
Universe Foods Ltd.
Wright, Crossley, & Co. Ltd.

## STABILISERS

Alginate Industries Ltd.
Bakery & Confectionery Products Ltd.
Branwell, Arthur, & Co. Ltd.
British Bakels Ltd.
British Celanese Ltd.
CPC (United Kingdom) Ltd.
Croda Food Ingredients Ltd.
Dohler (U.K.) Ltd.
Duché, T. M., & Sons (U.K.) Ltd.
Fibrisol Services Ltd.
Food Industries Ltd.
Grinsted Products Ltd.
Helias, H., & Co. Ltd.
Hercules Powder Co. Ltd.
Honeywill & Stein Ltd.
Imperial Chemical Industries Ltd.
K.W.-Revai Chemicals Ltd.
Kingsley & Keith (Chemicals) Ltd.
Laing National Ltd.
Oppenheimer Casing Co. (U.K.)
Oury, Millar, & Co. Ltd.
Peter's Patent Powder Works Ltd.
Semmons, Taylor Co. (U.K.) Ltd.
Soya Foods Ltd.
Stewart, Robert, & Sons Ltd.
Tennant, Charles, & Co. Ltd.
Tragasol Products Ltd.

## STABILISERS (ice cream)

Albright & Wilson Ltd. (Marchon Division)
Alginate Industries Ltd.
Croda Food Ingredients Ltd.
Duché, T. M., & Sons (U.K.) Ltd.
Food Industries Ltd.
Grindsted Products Ltd.
Gutkind, F., & Co. Ltd.
Halligan, H. J., & Co. Ltd.
Hercules Powder Co. Ltd.
Hodgson Gelatine Ltd.
Honeywill & Stein Ltd.
Imperial Chemical Industries Ltd.
International Flavours & Fragrances
K.W.-Revai Chemicals Ltd.
Leiner, P., & Sons Ltd.
Lofil Ltd.
McCaul, Gilbert J., & Co. Ltd.
Mar-Gel Food Products Ltd.
Oury, Millar, & Co. Ltd.
Pritchitt, L. E., & Co. Ltd.
Rukon Food Co. Ltd.
Semmons, Taylor Co. (U.K.) Ltd.
Tennant, Charles, & Co. Ltd.
Thomas & Jones ("Tejay") Ltd.

## STARCH

Alwitt Ltd.
Badex Ltd.
Brown, James, & Co.
Bruce Starke & Co. Ltd.
CPC (United Kingdom) Ltd.
Duché, T. M., & Sons (U.K.) Ltd.
Ferro Metal & Chemical Corp.
Helias, H., & Co. Ltd.
Laing National Ltd.
Lancashire Condenseries Ltd.
Love, N. B., Starches Pty. Ltd.
Mar-Gel Food Products Ltd.
Rickards, L. J., & Co. Ltd.
Semmons, Taylor Co. (U.K.) Ltd.
Starch Products Ltd.
Tennant, Charles, & Co. Ltd.
Tenstar Products Ltd.
Tunnel Refineries Ltd.

## SUGAR

Allmey & Layfield Ltd.
British Fermentation Products Ltd.
British Sugar Corporation Ltd.
Brown, James, & Co.
Burton, Son & Sanders, Ltd.
Dailey, A. E., & Co. Ltd.
Gray Knight & Co. Ltd.
Ingram Bros. (Glasgow) Ltd.
Lochore & Ferguson Ltd.
Manbré Sugars Ltd.
Mapleton's Foods Ltd.
Pumphrey, W. & M., Ltd.
Ragus Sugars
Tate & Lyle Refineries Ltd.
United Yeast Co. Ltd.
Westburn Sugar Refineries Ltd.
Whitworths Holdings Ltd.
Wright Crossley & Co. Ltd.

## SUGAR CANDY

CPC (United Kingdom) Ltd.
Manbré Sugars Ltd.
Ragus Sugars

## SUGAR STRANDS

Woodthorpe, Arthur, & Co.

## SYNTHETIC FLAVOURS (ingredients for)

Bush Boake Allen Ltd.
Dohler (U.K.) Ltd.
Dragoco (G.B.) Ltd.
Dubuis & Rowsell Ltd.
Firmenich & Co.
Florasynth Ltd.
Food Industries Ltd.
Givaudan & Co. Ltd.
Grindsted Products Ltd.
Hercules Powder Co. Ltd.
Monsanto Ltd.
Norda International Ltd.
Pfizer Ltd.
Polak's Frutal Works Ltd.
Samuelson, P., & Co. Ltd.
United Yeast Co. Ltd.
Zimmermann Hobbs Ltd.

## SYNTHETIC FLAVOURS (intermediates for)

Bush Boake Allen Ltd.
Dohler (U.K.) Ltd.
Dragoco (G.B.) Ltd.
Firmenich & Co.
Florasynth Ltd.
Food Industries Ltd.
Givaudan & Co. Ltd.
Hercules Powder Co. Ltd.
Monsanto Ltd.
Norda International Ltd.
Samuelson, P., & Co. Ltd.
United Yeast Co. Ltd.

## SYRUP & TREACLE

Albion Sugar Co. Ltd.
Allmey & Layfield Ltd.
British Fermentation Products Ltd.
Burton, Son & Sanders, Ltd.
Croda Food Ingredients Ltd.
Dailey, A. E., & Co. Ltd.
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Clayton & Jowett Ltd.
CPC (United Kingdom) Ltd.
Croda Food Ingredients Ltd.
Gillman & Spencer Ltd.
Ingram Bros. (Glasgow) Ltd.
Lanchashire Condenseries Ltd.
Lochore & Ferguson Ltd.
Manbré Sugars Ltd.
Ragus Sugars
Sugar Products Co.
Tate & Lyle Refineries Ltd.
Tenstar Products Ltd.
Tunnel Refineries Ltd.
United Yeast Co. Ltd.
Westburn Sugar Refineries Ltd.

## TAMARINDS

Bataller, José, & Co. Ltd.
British Pepper & Spice Co. Ltd.
Brown, James, & Co.
Bruce Starke & Co. Ltd.
Evans Gray & Hood Ltd.
Mischeff, Kiril, Ltd.
Ronaldson, John, & Co. Ltd.
Seyfried, John F., & Sons Ltd.

## TAPIOCA

Allmey & Layfield Ltd.
Brown, James, & Co.
Cereal & General Products Ltd.
Laing-National Ltd.
Rickards, L. J., & Co. Ltd.
United Yeast Co. Ltd.
Universe Foods Ltd.
Whitworths Holdings Ltd.

## TAPIOCA FLOUR

Brown, James, & Co.
Cereal & General Products Ltd.
Helias, H., & Co. Ltd.
Laing National Ltd.
Rickards, L. J., & Co. Ltd.
Starch Products Ltd.

## TARTARIC ACID

Allmey & Layfield Ltd.
Bataller, José, & Co. Ltd.
Bevan, A. E., Ltd.
British Fermentation Products Ltd.
Clayton & Jowett Ltd.
Courtin & Warner Ltd.
Croda Food Ingredients Ltd.
Duché, T. M., & Sons
Duckworth & Co. (Essences) Ltd.
Ferro Metal & Chemical Corp.
Harvey, Sydney, & Co. Ltd.
Hidalgo, M. Augusti (London)
Hughes & Hughes Ltd.
K.W.-Revai Chemicals Ltd.
Kingsley & Keith (Chemicals) Ltd.
Kirkpatrick, Barr & Paton (London) Ltd.
Mar-Gel Food Products Ltd.
Peter's Patent Powder Works Ltd.
Pfizer Ltd.
Sturge, John & E., Ltd.
United Yeast Co. Ltd.

## TEASEED OIL

Bramwell, S., & Co. Ltd.
Brown, James, & Co.
Layton, John, & Co. Ltd.
London Oil Medina Ltd.

## TOMALI (lobster and crab)

Seyfried, John F., & Sons Ltd.

## TOMATO POWDER

Agricultural & Chemical Products Ltd.
Benson, F. R., & Partners Ltd.
Bevan, A. E., Ltd.
Briess & Co. Ltd.
Croda Food Ingredients Ltd.
Florasynth Ltd.
Mischeff, Kiril, Ltd.
Rickards, L. J., & Co. Ltd.
Rukon Food Co. Ltd.
S. & S. Services Ltd.
Spicemanns Ltd.
Swel Foods Ltd.
Universe Foods Ltd.
Wynmouth Lehr & Fatoils Ltd.

## TOMATO PUREE

Agricultural & Chemical Products Ltd.
Allmey & Layfield Ltd.
Anderson & Coltman Ltd.
Aylwin, Geo., & Son Ltd.
Bataller, José, & Co. Ltd.
Bevan, A. E., Ltd.
Biddle Sawyer Foods Ltd.
Branwell, A., & Co. Ltd.
Daniels, S., & Co. Ltd.
Graham, William, & Co. (London) Ltd.
Harvey, Sydney, & Co. Ltd.
Iberian Foods Ltd.
McCaul, Gilbert J., & Co. Ltd.
Mar-Gel Food Products Ltd.
Mediterra Ltd.
Mischeff, Kiril, Ltd.
Rukon Food Co. Ltd.
S. & S. Services Ltd.
Seyfried, John F., & Sons Ltd.
Silber, L. I., & Co. Ltd.
Thomas & Jones ("Tejay") Ltd.
United Yeast Co. Ltd.
Wynmouth Lehr & Fatoils Ltd.

## TOMATOES (peeled)

Allmey & Layfield Ltd.
Anderson & Coltman Ltd.
Aylwin, Geo., & Son Ltd.
Bataller, José, & Co. Ltd.
Biddle Sawyer Foods Ltd.
Branwell, A., & Co. Ltd.
Daniels, S., & Co. Ltd.
Deltec Foods Ltd.
Graham, William, & Co. (London) Ltd.
Harvey, Sydney, & Co. Ltd.
Iberian Foods Ltd.
McCaul, Gilbert J., & Co. Ltd.
Mediterra Ltd.
Mischeff, Kiril, Ltd.
S. & S. Services Ltd.
Seyfried, John F., & Sons Ltd.
Silber, L. I., & Co. Ltd.
Thomas & Jones ('Tejay') Ltd.
United Yeast Co. Ltd.

## TURMERIC

Amasal Ltd.
Anstead, D. F., Ltd.
Bataller, José, & Co. Ltd.
Berk Ltd.
Branwell, A., & Co. Ltd.
British Pepper & Spice Co. Ltd.
Brooks, R., & Co.
Brown, James, & Co.
Bush Boake Allen Ltd.
Dalton, James, (Seasoning & Spices) Ltd.
Evans Gray & Hood Ltd.
Griffith Laboratories (U.K.) Ltd.
Hamburger, M., & Sons Ltd.
Kellys, John, (London) Ltd.
Kimpton Bros. Ltd.
McCormick Foods (U.K.) Ltd.
Mayer, H., Senior Ltd.
RHM Ingredient Supplies Ltd.
Ronaldson, John, & Co. Ltd.
Seyfried, John F., & Sons Ltd.
Spicemanns Ltd.
Wright Crossley & Co. Ltd.

## TURTLE PRODUCTS (fresh, dried, oil, and shell)

Lusty, John, Ltd.
Seyfried, John F., & Sons Ltd.

## VANILLA

Allmey & Layfield Ltd.
Benson, F. R., & Partners Ltd.
Bevan, A. E., Ltd.
British Bakels Ltd.
Brown, James, & Co.
Bruce Starke & Co. Ltd.
Bush Boake Allen Ltd.
Cooke, Tweedale & Lindsay Ltd.
Courtin & Warner Ltd.
Cumming, Alfred P., Ltd.
Daniel, H. E., Ltd.
Dohler (U.K.) Ltd.
Dubius & Rowsell Ltd.
Duckworth & Co. (Essences) Ltd.
Essonia Ltd.
Florasynth Ltd.
Food Industries Ltd.

Gale & Mount Ltd.
Givaudan & Co. Ltd.
Glynn Co. Ltd.
Goodwin Tidswell (1968) Ltd.
Harrison, T., & Co. Ltd.
Kimpton Bros. Ltd.
Kohnstamm, H., & Co.
Mayer, H., Senior Ltd.
Monsanto Ltd.
Newball & Mason Ltd.
Peter's Patent Powder Works Ltd.
Polak's Frutal Works Ltd.
Pritchitt, L. E., & Co. Ltd.
Rayner & Co. Ltd.
Samuelson, P., & Co. Ltd.
Scottish Flavour & Colour Co.
White Stevenson Ltd.
Zimmermann Hobbs Ltd.

## VANILLA BEANS

Bush Boake Allen Ltd.
Goodwin Tidswell (1968) Ltd.
Kimpton Bros. Ltd.
Mayer, H., Senior Ltd.
Rayner & Co. Ltd.
Rickards, L. J., & Co. Ltd.
Seyfried, John F., & Sons Ltd.
Wright Crossley & Co. Ltd.
Zimmermann Hobbs Ltd.

## VANILLIN

Bruce Starke & Co. Ltd.
Bush Boake Allen Ltd.
Courtin & Warner Ltd.
Givaudan & Co. Ltd.
Kingsley & Keith (Chemicals) Ltd.
McCaul, Gilbert J., & Co. Ltd.
May & Baker Ltd.
Monsanto Ltd.
Peter's Patent Powder Works Ltd.
Sarant, R., & Co. Ltd.
Zimmermann Hobbs Ltd.

## VEGETABLE & CEREAL FLOURS (pre-cooked)

Cereal & General Products Ltd.

## VEGETABLE EXTRACT

Aylwin, Geo., & Son Ltd.
Bovril Food Ingredients
Dragoco (G.B.) Ltd.
Hercules Powder Co. Ltd.
McCaul, Gilbert J., & Co. Ltd.
Mapleton's Foods Ltd.
Semmons, Taylor Co. (U.K.) Ltd.
Seyfried, John F., & Sons Ltd.
Vesop Products Ltd.

## VEGETABLE FATS

*See Fats (Vegetable)*

## VEGETABLES (brined)

Bataller, José, & Co. Ltd.
Graham, William, & Co. (London) Ltd.
Iberian Foods Ltd.
Israel, Jack, L., Ltd.
Mischeff, Kiril, Ltd.
Seyfried, John F., & Sons Ltd.
United Yeast Co. Ltd.

## VEGETABLES (dehydrated)

Agricultural & Chemical Products Ltd.
Allmey & Layfield Ltd.
Amasal Ltd.
Anderson & Coltman Ltd.
Aylwin, Geo., & Son Ltd.
Bataller, José, & Co. Ltd.
Benson, F. R., & Partners Ltd.
Branwell, Arthur, & Co. Ltd.
Briess & Co. Ltd.
Brooks, R., & Co.
Brown, James, & Co.
Colman Foods
Demby, Hamilton & Co. Ltd.
Getz Bros. & Co. Inc.
McCormick Foods (U.K.) Ltd.
Mediterra Ltd.
Mischeff, Kiril, Ltd.
Rickards, L. S., & Co. Ltd.
Rukon Food Co. Ltd.
S. & S. Services Ltd.
Sarant, R., & Co. Ltd.
Seyfried, John F., & Sons Ltd.
Springlow Sales Ltd.

Swel Foods Ltd.
Thomas & Jones (Tejay) Ltd.
United Yeast Co. Ltd.
Universe Foods Ltd.
Wynmouth, Lehr & Fatoils Ltd.

### VEGETABLES (fresh)

Dalton's, Percy, Famous Peanut Co. Ltd.
Israel, Jack L., Ltd.
Mischeff, Kiril, Ltd.
Nieto, Leonard

### VEGETABLES (powdered)

Agricultural & Chemical Products
Amasal Ltd.
Bataller, José, & Co. Ltd.
Benson, F. R., & Partners Ltd.
Briess & Co. Ltd.
British Bakels Ltd.
Brooks, R., & Co.
Brown, James, & Co.
Croda Food Ingredients Ltd.
Demby, Hamilton & Co. Ltd.
McCormick Foods (U.K.) Ltd.
Mischeff, Kiril, Ltd.
Rickards, L. J., & Co. Ltd.
S. & S. Services Ltd.
Sarant, R., & Co. Ltd.
Seyfried, John F., & Sons Ltd.
Springlow Sales Ltd.
United Yeast Co. Ltd.
Universe Foods Ltd.
Wynmouth Lehr & Fatoils Ltd.

### VINEGAR (cider)

Seyfried, John F., & Sons Ltd.
Whiteways of Whimple Ltd.

### VINEGAR (French Wine)

Bataller, José, & Co. Ltd.
Seyfried, John F., & Sons Ltd.

### VITAMINS

Agricultural & Chemical Products Ltd.
Alwitt Ltd.
Bestoval Products Ltd.
Crookes Laboratories Group Ltd.
Ferro Metal & Chemical Corporation Ltd.
Food Industries Ltd.
K.W.-Revai Chemicals Ltd.
Kingsley & Keith (Chemicals) Ltd.
Marfleet Refining Co. Ltd.
May & Baker Ltd.
Pfizer Ltd.
Rickards, L. J., & Co. Ltd.
Roche Products Ltd.

### WHEAT STARCH

Alwitt Ltd.
Badex Ltd.
Brown, James & Co.
Helias, H., & Co. Ltd.
Laing National Ltd.
Lancashire Condenseries Ltd.
Love, N. B., Starches Pty. Ltd.
Rickards, L. J., & Co. Ltd.
Tenstar Products Ltd.
Wood, Cecil, (Manchester) Ltd.
Wynmouth Lehr & Fatoils Ltd.

### YEAST

Bovril Food Ingredients
British Fermentation Products Ltd.
United Yeast Co. Ltd.

### YEAST (dried)

Bovril Food Ingredients
British Fermentation Products Ltd.
Distillers Co. (Malt Products) Ltd.
Sarant, R., & Co. Ltd.
Tennant, Charles, & Co. Ltd.
United Yeast Co. Ltd.

### YEAST EXTRACT

Aylwin, Geo., & Son Ltd.
Bovril Food Ingredients
British Fermentation Products Ltd.
Hercules Powder Co. Ltd.
Mapleton's Foods Ltd.
Sarant, R., & Co. Ltd.
Tennant, Charles, & Co. Ltd.
United Yeast Co. Ltd.
White Stevenson Ltd.

# SUPPLIERS OF COMMODITIES

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*Tel.* 061-430 4391.
*TA. " Chrievan Stockport."*
*Telex:* 667835.

**Adams, Alfred, & Co. Ltd.,**
Reliance Works, Church Lane,
West Bromwich, B71 1BZ.
*Tel.* 021-553 0263.
*Telex*: 339415.

**Agricultural & Chemical Products Ltd.,**
43, Bartholomew Close,
London, E.C.1.
*Tel.* 01-606 0081.
*TA. " Agrochemia."*
*Telex:* 888166.

**Albion Sugar Co. Ltd.,**
Albion Wharf, Woolwich,
London, SE18 5NR.
*Tel.* 01-854 7711.
*TA. " Invertose, London, S.E.*18."
*Telex:* 896966.

**Albright & Wilson Ltd., Marchon Division.**
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*Tel. Whitehaven* (0946) 3131.
*TA. " Marchonpro Whitehaven, Telex."*
*Telex:* 64295.

**Albright & Wilson Ltd.**
P.O. Box 3,
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Oldbury,
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*Tel.* 021-429 4942.
*TA. " Albriwil, Warley, Telex:"*
*Telex:* 336291.

**Alginate Industries Ltd.,**
22, Henrietta Street,
London, WC2E 8NB.
*Tel.* 01-836 0451.
*TA. "Alginates, London, W.C.*2."
*Telex:* 23815.

**Allmey & Layfield Ltd.,**
1, Holden Street,
Liverpool, L8 7RF.
*Tel.* 051-709 6133.
*TA. " Almonds L'pool* 8."

**Alwitt Ltd.,**
Zelide House,
2-4, Mount Ephraim,
Tunbridge Wells, Kent.
*Tel. Tunbridge Wells* (0892) 36111.
*TA. " Wosmater, Tunbridge Wells."*
*Telex;* 95146.

**Amasal Ltd.,**
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Nuneaton, Warks.
*Tel. Nuneaton* 4012 (5 *lines*).

**American Casing Co. Ltd.,**
Metral House,
62/68, St. John Street,
London, E.C.1.
*Tel.* 01-253 8328.
*TA. "Amercasco London."*

**Anderson & Coltman Ltd.,**
Millbourn House,
Fox Lane North,
Chertsey,
Surrey, KT16 9HW.
*Tel. Chertsey* 61191.
*Telex*: 929934.

**Anderson & Woodthorpe (Oldbury) Ltd.,**
39a, Dingle Street,
Oldbury, Warley, Worcs.
*Tel.* 021-552 2128.

**Anstead, D. F., Ltd.,**
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Radford Way,
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*Tel. Billericay* (02774) 53131.
*TA. " Anstchem Billericay."*
*Telex:* 99410.

**Aplin & Barrett Ltd.,**
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*Tel. Trowbridge* 3611.
*TA " Nisaplin Trowbridge."*
*Telex:* 449328.

**Aptunion (UK) Ltd.,**
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Brushfield Street,
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*Tel.* 01-247 6881.
*Telex:* 886729-Foobro.

**Arnold & Ley Ltd.,**
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*TA. " Arnoldley Brentwood,*
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**Aylwin, Geo., & Son Ltd.,**
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*Tel.* (04427) 73727.
*Telex:* 826415.

**BP Chemicals International Ltd.,**
Devonshire House,
Piccadilly,
London, W1X 6AY.
*Tel.* 01-629 8867.
*TA " Beepeechem London Telex."*
*Telex:* 266883.

**Badex Ltd.,**
Waverley House,
Hale Road,
Altrincham, Cheshire.
*Tel.* 061-928 4326.

**Bakery & Confectionery Products Ltd.,**
East Street,
Ashburton, Devon.
*Tel. Ashburton* (0364) 52358.

**Barnett & Foster Ltd.,**
Denington Estate,
Wellingborough,
Northants, NN8 2QJ.
*Tel.* 0933-3 5331.
*TA. " Drinks Wellingborough."*
*Telex:* 311342.

**Bataller, Jose, & Co. Ltd.,**
375/377, High Street,
London, E15 4QZ.
*Tel.* 01-534 4885.
*Telex:* 897574.

**Bayer U.K. Ltd.,**
Bayer House,
Richmond, Surrey.
*Tel.* 01-940 6077.
*Telex:* 927027.

**Beddington Nut & Produce Co. Ltd.,**
Highlands Hill,
Swanley, Kent, BR8 7NH.
*Tel. Swanley* 62306.

**Beech's Chocolates Ltd.,**
Fletcher Road,
Preston, Lancs., PR1 5AD.
*Tel. Preston* 55266.
*TA. " Chocolate Preston."*

**Behr, S., & Mathew Ltd.,**
Sandringham House,
199, Southwark Bridge Road,
London, SE1 0ED.
*Tel.* 01-407 3372.

**Bell, R. F., & Son Ltd.,**
41, West Bowling Green Street,
Leith, Edinburgh EH6 5NY.
*Tel.* 031-554 3456.
*TA. " Bell, Leith."*
*Telex:* 727176.

**Bennett Opie Ltd.,**
Chalkwell Road,
Sittingbourne, Kent, ME10 2LE.
*Tel. Sittingbourne* 3154.
*TA. " Opies Sittingbourne."*
*Telex*: 965267.

**Benson, F. R., & Partners Ltd.,**
35, Piccadilly,
London, W1V 0QD.
*Tel.* 01-734 2934.
*TA. " Bensonco, London, W.1."*
*Telex:* London 22677.

**Berk Ltd.,**
P.O. Box 56,
Basing View,
Basingstoke.
*Tel. Basingstoke* (0256) 29292.
*Telex:* 85371.

**Bestoval Products Ltd.,**
2a, Ossory Road,
London, SE1 5AW.
*Tel.* 01-237 2856.

**Bevan, A. E., Ltd.,**
Queensway Works,
Hall Street,
Southport, Lancs.
*Tel. Southport* 57033.
*Telex:* 67224.

**Bibby, J., & Sons Ltd.,**
Richmond House,
1, Rumford Place,
Liverpool, L3 9QQ.
*Tel.* 051-236 6671.

**Biddle Sawyer Foods Ltd.,**
Battlebridge House,
Tooley Street,
London, SE1 2RB.
*Tel.* 01-407 7442.

**Bovril Food Ingredients,**
Wellington Road,
Burton-on-Trent.
*Tel. Burton-on-Trent* (0283) 3781.
*Telex:* 34322.

**Bramwell, S., & Co. Ltd.,**
4, Broad Street Place,
London, E.C.2.
*Tel.* 01-588 7071.
*TA. "Acutus."*
*Telex:* 261064.

**Branwell, Arthur, & Co. Ltd.,**
Ibex House,
Minories, London, EC3N 1HP.
*Tel.* 01-709 0341.
*TA. " Branwell, London, E.C.3."*
*Telex:* 885805.

**Briess & Co. Ltd.,**
32, St. Mary At Hill,
London, EC3R 8DH.
*Tel.* 01-623 9333.
*TA. " Britus, London."*
*Telex:* 887977.

**Bright, Henry, & Sons Ltd.,**
Fraser Street,
Grimsby, Humberside,
DN32 8AH
*Tel.* 59807
*TA. " Bright Grimsby."*

**British Arkady Co. Ltd.,**
Skerton Road, Old Trafford,
Manchester, M16 0NJ.
*Tel.* 061-872 7161.
*TA. "Arkafoods, Manchester."*
*Telex:* 668488 *" Arkafoods."*

**British Bakels Ltd.,**
238, Bath Road,
Slough, SL1 4DU.
*Tel. Slough* 26261.
*TA. " Britbakels, Slough."*
*Telex:* 848115.

**British Celanese Ltd.,**
Chemical Sales,
P.O. Box 5,
Spondon, Derby, DE2 7BP.
*Tel. Derby* 61422.
*Telex:* 37391.

**British Fermentation Products Ltd.,**
11/12, Appold Street,
London, EC2A 2AP.
*Tel.* 01-247 1066.

**British Pepper & Spice Co. Ltd.,**
86/90, Hermitage Wall,
Wapping,
London, E1 9LW.
*Tel.* 01-709 0191.
*TA.* " *Britspice London E.1.*"
*Telex:* 855146 Spice London.

**British Preserves Ltd.,**
Ellis Ashton Street,
Huyton Quarry,
Huyton,
Liverpool, L36 6BN.
*Tel.* 051-489 4322.
*TA.* "*Cherries Liverpool.*"
*Telex:* 627034.

**British Saccharin Sales Co. Ltd.,**
1, Thane Road West,
Nottingham, NG2 3AA.
*Tel. Nottingham* 51165.
*TA.* " *Britsacrin, Nottingham.*"

**British Salt Ltd.,**
Cledford Lane,
Middlewich, Cheshire.
*Tel. Middlewich* 2881.
*TA.* " *Gatza, Middlewich.*"
*Telex*: 669235.

**British Soya Products Ltd.,**
Puckeridge, Nr. Ware,
Hertfordshire.
*Tel. Ware* 821291.
*TA.* " *Trusoy, Puckeridge.*"

**British Sugar Corporation Ltd.,**
Central Offices,
P.O. Box 26,,
Oundle Road,,
Peterborough, PE2 9QU.
*Tel. Peterborough* (0733) 63171.
*TA.* " *Sugacrop Peterborough.*"

**Brooks, R., & Co.,**
30, James Street,
London, WC2E 8PH.
*Tel.* 01-240 2101.

**Brown, James, & Co.,**
2, Grove Road,
Wallasey, L45 3HQ.
*Tel.* 051-639 1399.
*TA.* " *Dresago Wallasey.*"

**Bruce Starke & Co. Ltd.**
Confederation House,
8, High Street,
Brentwood, Essex.
*Tel. Brentwood* (0277) 218833.
*Telex:* 99444.

**Bulmer, H. P., Ltd.,**
Ryelands Street,
Hereford, HR4 0LE.
*Tel. Hereford* 6411.
*TA.* " *Bulmerco Hereford.*"
*Telex*: 35211.

**Burton, Son & Sanders Ltd.,**
College Street,
Ipswich.
*Tel. Ipswich* 56234.
*TA.* " *Burton, Ipswich.*"
*Telex:* 98224.

**Bush Boake Allen Ltd.,**
Blackhorse Lane,
London, E17 5QP.
*Tel.* 01-531 4211.
*TA.* " *Bubal London* E17."
*Telex*: 897808.

**Butterfield Laboratories Ltd.,**
Oldmedow Road,
Hardwick Industrial Estate,
King's Lynn, Norfolk.
Tel. (0553) 63236.
*TA.* " *Prescols King's Lynn.*"
*Telex*: 817144.

**CC Spice International Ltd.,**
Royal Oak Spice Mills,
Broomfield Street,
London, E.14.
*Tel.* 01-987 8211.
*TA.* " *Interspice London E*14."
*Telex:* 897547.

**CPC (United Kingdom) Ltd.,**
Trafford Park,
Manchester, M17 1PA.
*Tel.* 061-872 2571.
*TA. " Annexe Manchester."*

**Cadbury Schweppes Ltd.,**
1-10, Connaught Place,
London, W2 2EX.
*Tel.* 01-262 1212.
*TA. " Casch London."*
*Telex:* 261077.

**Cadec Ltd.,**
Rabone Lane,
Warley, Worcs.
*Tel.* 021-558 0683.
*TA. "Cadec Warley."*

**Caxton Chocolate Co. Ltd.,**
Clarendon Road,
London, N22 6UN.
*Tel.* 01-888 4902.
*TA. Caxchoc Wood Green, London,* N22 6UN.
*Telex:* 24296.

**Cereal & General Products Ltd.,**
63-65, Crutched Friars,
London, EC3N 2DD.
*Tel.* 01-480 6971.
*TA. " Cerelprodu London, E.C.3."*
*Telex:* 888220.

**Clayton & Jowett Ltd.,**
46, Wood Street,
Liverpool, L1 4AH.
*Tel.* 051-709 8607.
*TA. Essences Liverpool."*

**Colman Foods,**
Carrow,
Norwich, NR1 2DD.
*Tel.* 0603-60166.
*Telex:* 97438.

**Cooke, Tweedale & Lindsay Ltd.,**
840, Chester Road,
Stretford,
Manchester, M32 0QJ.
*Tel.* 061-865 6171.

**Cory, Horace, & Co. Ltd.,**
Nathan Way,
London, SE28 0AY.
*Tel.* 01-854 9516.
*TA. " Coloring London SE28 0AY."*
*Telex:* 24224 *Ref.* 113.

**Courtin & Warner Ltd.,**
Old Brewery,
Bell Lane,
Lewes, Sussex.
*Tel. Lewes* 3202.
*TA. " Accourtiwa, Lewes."*

**Craigmillar, a division of Van den Berghs & Jurgens Ltd.,**
Sussex House,
Burgess Hill,
West Sussex, RH15 9AW.
*Tel. Haywards Heath* 58100.
*TA. " Craigbrit, Burgess Hill."*
*Telex:* 877381.

**Crimony Co. Ltd.,**
183, Heath Road,
Twickenham, Mdx, TW1 4BL.
*Tel.* 01-892 8993.
*TA. " Crimony, Twickenham."*
*Telex:* 25920 (Unipals).

**Croda Food Ingredients Ltd.,**
P.O. Box 5, Gorsey Lane,
Moss Bank,
Widnes, Cheshire, WA8 0RS.
*Tel.* 051-424 5566.
*Telex:* 627381.

**Croda Processed Eggs Ltd.,**
Park Lane,
Harefield, Middx.
*Tel. Harefield* 2521.
*TA. " Crodapol Uxbridge."*
*Telex:* 934318.

**Crookes Laboratories Group Ltd.,**
Telford Road,
Houndmills Estate,
Basingstoke, Hants., RG21 2XZ.
*Tel. Basingstoke* 3212.
*TA. " Crookes Bastok."*
*Telex:* 85131.

**Culpitt, G. T., & Son Ltd.,**
Travellers Lane,
Welham Green,
North Mymms,
Hatfield, Herts.
*Tel. Hatfield* 65516.
*TA. "Weddings Hatfield."*

**Cumming, Alfred P., Ltd.,**
Woodside Laboratories,
Blairmore, Argyll.
*Tel. Kilmun* 265.

**D C A Industries Ltd.,**
Gatehouse Road,
Aylesbury, Bucks.
*Tel. Aylesbury* 3691.
*TA. "Britdohnut Aylesbury."*

**Dailey, A. E., & Co. Ltd.,**
4th Floor,
Cunard Building,
Liverpool, L3 1EL.
*Tel.* 051-236 5371.
*Telex:* 62594.

**Dalton, James, (Seasoning & Spices) Ltd.,**
Pennine Range Mills,
Starbeck,
Harrogate, Yorks.
*Tel. Harrogate* 885255.
*TA. "Spaspice, Harrogate."*
*Telex:* 57903.

**Dalton's, Percy, Famous Peanut Co. Ltd.,**
Old Ford Works,
Dace Road,
Bow, London, E3 2PE.
*Tel.* 01-985 9241.
*TA. "Peadee London."*
*Telex:* 896993.

**Daniel, H. E., Ltd.,**
Longfield Road,
Tunbridge Wells,
Kent.
*Tel.* 0892 22375.
*TA. "Hanseda Tunbridge Wells."*
*Telex:* 857103.

**Daniels, S., & Co. Ltd.,**
Wilec House,
82/100, City Road,
London, EC1Y 2BU.
*Tel.* 01-253 9013.
*TA. "Danfood London."*
*Telex:* 28837.

**Davis Gelatine Ltd.,**
Upper Grove Street,
Leamington Spa,
Warwicks.
*Tel. Leamington Spa* 22795.
*TA. "Gelatine, Leamington Spa."*

**Deltec Foods Ltd.,**
G.P.O. Box 250,
Deltec House,
193, St. John Street,
London, E.C.1.
*Tel.* 01-253 8400.
*TA. "Deltecfood London."*
*Telex:* 25261.

**Demby, Hamilton & Co. Ltd.,**
50, Mark Lane,
London, EC3R 7QH.
*Tel.* 01-481 8611.
*TA. "Haycas Ldn."*
*Telex:* 884435.

**Devro Ltd.,**
Moodiesburn,
Chryston, Glasgow, G69 0JE.
*Tel. Glenboig* 2261.
*TA. "Devro Glasgow."*
*Telex:* 778828.

**Distillers Company (Carbon Dioxide) Limited.,**
Cedar House,
39, London Road,
Reigate, Surrey, RH2 9QE.
*Tel. Reigate* 47611.
*TA. "Cardiox Reigate."*
*Telex:* 917280.

**Distillers Co. (Malt Products) Ltd.,**
12, Torphichen Street,
Edinburgh EH3 8YT.
*Tel.* 031-229 2468.
*TA. " Distillers, Edinburgh, Telex."*
*Telex:* 72273.

**Dixon Malt Co. Ltd.,**
Cross Keys House,
56, Moorgate,
London, E.C.2.
*Tel.* 01-628 5279.
*TA. " Dixonco London,* E.C.2."

**Döhler U.K. Ltd.,**
164, North Gower Street,
London, NW1 2ND.
*Tel.* 01-388 0421.

**Dow Corning Ltd.,**
Reading Bridge House,
Reading, Berks.
*Tel.* Reading 57251.
*Telex: Dowcorning Rdg.* 848340.

**Dragoco (G.B.) Ltd.,**
Lady Lane Industrial Estate,
Hadleigh, Ipswich,
Suffolk.
*Tel. Hadleigh* 2011.
*TA. " Dragoco, Hadleigh."*
*Telex:* 98426.

**Dubuis & Rowsell Ltd.,**
Duroma Works, Elmwood Road,
Croydon, Surrey, CR9 2TX.
*Tel.* 01-684 4231.
*TA. " Duroma Croydon."*

**Duché, T. M., & Sons (U.K.) Ltd.,**
Berisford House,
50, Mark Lane,
London, EC3R 7QJ.
*Tel.* 01-488 3211.
Telex: 883002.

**Duckworth & Co. (Essences) Ltd.,**
Old Trafford Essence Distillery,
Chester Road, Manchester, M16 9HJ.
*Tel.* 061-872 0225/6/7.
*TA. " Gingerine, Manchester* 16."

**Duttson & Knight Ltd.,**
Rannoch Road,
Hammersmith, London, W.6.
*Tel.* 01-748 9994.
*Telex:* 262078.

**Edme Ltd.,**
Mistley,
Manningtree, Essex.
*Tel.* 0206-39 2232.

**English Chicory Ltd.,**
Needingworth Road,
St. Ives, Hunts.
*Tel. St. Ives* 3174.

**Essonia Ltd.,**
St. Andrews Works,
Bradford, Yorkshire, BD7 1PA.
*Tel. Bradford* (0274) 26848.
*TA. " Shield, Bradford."*

**Evans Gray & Hood Ltd.,**
238, City Road,
London, EC1V 2NA.
*Tel.* 01-253 5324.
*TA. " Solazzi, London, E.C.*1."

**Fawcett, Eric, Ltd.,**
17, Aketon Road,
Castleford, Yorks.
*Tel. Castleford* 2681.

**Ferro Metal & Chemical Corporation Ltd.,**
Victoria House,
Southampton Row,
London, WC1B 4DL.
*Tel.* 01-242 6961.

**Fibrisol Service Ltd.,**
Colville Road,
Acton,
London, W3 8TE.
*Tel.* 01-992 4676.
*TA. " Fibrisol London W.*3."
*Telex:* 261498.

**Field, G. B., & Co. Ltd.,**
Reliance Works,
156/170, Bermondsey Street,
London, SE1 3TJ.
*Tel.* 01-407 2041.
*TA.* "*Kraftcas, Sedist, London.*"
*Telex:* 885915.

**Firmenich & Co.,**
Hayes Road,
Southall, Middx., UB2 5NN.
*Tel.* 01-574 0911.
*Telex: Southall* 261475.

**Florasynth Ltd.,**
327-347, Oldfield Lane,
Greenford, Middx, UB6 0AH.
*Tel.* 01-578 6315 & 5662.
*TA.* "*Florasynth Greenford.*"
*Telex:* 267989.

**Food Industries Ltd.,**
Bromborough Port,
Wirral,
Merseyside,
L62 4SU.
*Tel.* 051-645 2060.
*TA.* "*Fil, Bromborough.*"
*Telex:* 627173.

**Foodtech Ltd.,**
Foodtech House,
73/75, High Street,
London, N8 7QW.
*Tel.* 01-348 4545.
*TA.* "*Foodtech Norphone N*.8."
*Telex:* 24124.

**Fowler Ltd.,**
Glasshouse Wharf, Orchard Place,
London, E.14.
*Tel.* 01-987 1814.

**Fritsche Dodge & Olcott (U.K.) Ltd.,**
Finedon Road Industrial Estate,
Wellingborough, Northants.
*Tel. Wellingborough* 76821.

**Fuji Foods Corp.,**
c/o, Mitsui & Co. Ltd.,
Royex House,
Aldermanbury Square,
London, EC2V 7LX.
*Tel.* 01-600 1777.

**Gale & Mount Ltd.,**
Commerce Road,
Brentford, Middx.
*Tel.* 01-560 4334.
*TA.* "*Salmenta, Hounslow.*"
*Telex:* 21631.

**Garton Sons & Co. Ltd.,**
Southampton House,
192/206, York Road,
Battersea,
London, SW11 3RX.
*Tel.* 01-228 1091.
*TA.* "*Garton, London, S.W*.11."
*Telex:* 915901.

**Garvin, L., & Co. Ltd.,**
Garvin House,
158, Twickenham Road,
Isleworth, Middx., TW7 7DL.
*Tel.* 01-560 7171.
*TA.* "*Virile Isleworth.*"
*Telex:* 935055.

**Getz Bros., & Co. Inc.,**
2, Harewood Place.
London, W1R 0DD.
*Tel.* 01-499 6901.
*Telex:* 24221.

**Gill & Duffus Ltd.,**
23, St. Dunstan's Hill,
London, EC3R 8HR.
*Tel.* 01-623 4377.
*TA.* "*Acquest, London* E.C.3";
"*Coconibs, London E.C*.3."
*Telex*: *London* 887162.

**Gillman & Spencer Ltd.,**
Castle Tower Works,
Bilton Road, Bletchley,
Milton Keynes, MK1 1HP
*Tel. Milton Keynes* (0908) 77271.
*Telex:* 825533.

**Givaudan & Co. Ltd.,**
Flavour Division,
Whyteleafe, Surrey, CR3 0YE.
*Tel. Upper Warlingham* 2241.

**Glentham Essence Co. Ltd.,**
Twickenham Trading Estate,
Rugby Road,
Twickenham, Middx.
*Tel.* 01-891 1171.
*TA. " Vistro Twickenham."*

**Glisten Co. Ltd.,**
Hill Street Works,
Blackburn, Lancs.
*Tel. Blackburn* 56483.

**Glovers (Chemicals) Ltd.,**
Wortley Low Mills,
Whitehall Road,
Leeds, LS12 4RF.
*Tel.* 637847.
*TA. " Glokem Leeds."*
*Telex:* 557467.

**Glynn Co. Ltd.,**
Miall Street,
Halifax, Yorks.
*Tel. Halifax* 53378.
*TA. " Essence Halifax."*

**Goldrei, Ch., Foucard & Son Ltd.,**
Childers Street,
London, SE8 5JT.
*Tel.* 01-692 0901.
*TA. " Goldregen, Southpark, S.E.8."*
*Telex:* 896196.

**Goodwin Tidswell (1968) Ltd.,**
Shaftesbury Road,
London, N18 1SW.
*Tel.* 01-807 3080.

**Graham, William, & Co. (London) Ltd.,**
Justin Manor,
341, London Road,
Mitcham, Surrey, CR4 4SA.
*Tel.* 01-648 0331.
*TA. " Wiregraco, Croydon."*
*Telex*: 946837.

**Gray Knight & Co. Ltd.,**
24, Swete Street,
London, E.13.
*Tel.* 01-203 3394.

**Griffith Laboratories (U.K.) Ltd.,**
Cotes Park Farm,
Somercotes, Derby, DE5 4NN.
*Tel. Alfreton* 2171.
*TA. "Grilab Derby."*
*Telex:* 37456.

**Grindsted Products Ltd.,**
Northern Way,
Bury St. Edmunds,
Suffolk, IP32 6NP.
*Tel. Bury St. Edmunds* 2101.
*TA. " Grindsted Bury St. Edmunds Telex."*
*Telex:* 81203.

**Gutkind, F., & Co. Ltd.,**
Chansitor House,
37/38, Chancery Lane,
London, WC2A 1EL.
Tel. 01-242 7642.
*TA. "Gutkind, London, W.C.2."*
*Telex:* 24465.

**Gysin & Hanson,**
227-231, Rotherhithe New Road,
London, SE16 2BA.
*Tel.* 01-237 0456.
*TA. " Gysincas, London, S.E.16."*

**Halligan, H. J., & Co. Ltd.,**
Green Walk,
Tower Bridge Road,
London, S.E.1.
*Tel.* 01-407 1940.

**Hamburger, M., & Sons Ltd.,**
Tannery House,
Tannery Lane,
Send, Nr. Woking, Surrey.
*Tel. Ripley (Surrey)* 3501.
*TA. " Homaclon Woking."*
*Telex:* 85296.

**Hare, John, (Harrier Products) Ltd.,**
Henlow, Beds.
*Tel. Hitchin* 812 220.

**Harradine, J., & Sons Ltd.,**
Penguin House,
Westmoreland Street,
Carlisle, Cumbria.
*Tel. Carlisle* 26262.
*TA. " Penguin, Carlisle."*

**Harrison, T., & Co. Ltd.,**
Burnley House,
London, N.W.10.
*Tel.* 01-452 0731.
*TA. "Arismercha, Harles."*

**Harvey, Sydney, & Co. Ltd.,**
Abford House,
15, Wilton Road,
London, SW1V 1NE.
*Tel.* 01-828 3313.
*Telex*: 917587.

**Hay-Lambert Ltd.,**
Colne Works,
Oxford Road,
Uxbridge, Middx.
*Tel. Uxbridge* 31171.
*Telex:* 23251.
*TA. " Caramel, Uxbridge, Middx."*

**Heap, Joseph, & Sons Ltd.,**
12, The Temple,
Dale Street, Liverpool, L69 2AT.
*Tel.* 051-236 0193.
*TA. " Heap Liverpool L69 2AT."*
*Telex:* 628232.

**Helias, H., & Co. Ltd.,**
Botolph House.
10, Eastcheap, London, EC3M 1AJ.
*Tel.* 01-623 8984.
*TA. " Proclaim."*
*Telex:* 886093.

**Hercules Powder Co. Ltd.,**
1, Great Cumberland Place,
London, W1H 8AL.
*Tel.* 01-262 7766.
*TA. " Herpoco W.1. London."*
*Telex:* 25803.

**Hidalgo, M. (Agusti) London Ltd.,**
81, Ledbury Road,
London, W.11.
*Tel.* 01-229 1302.
*TA. " Hidalgo London."*

**Hodgson Gelatine Ltd.,**
Beverley, Yorks.
*Tel. Beverley* 881133.
*TA. " Hodgsons, Beverley."*
*Telex*: 946833.

**Home Grown Chicory Ltd.,**
Lakenheath,
Nr. Brandon, Suffolk.
*Tel. Lakenheath* (084 286) 220.

**Honeywill-Atlas Ltd.,**
Mill Lane,
Carshalton, Surrey,
*Tel.* 01-669 2261.
*TA. " Surfacant, Sutton, Surrey."*
*Telex*: 946833.

**Honeywill & Stein Ltd.,**
Greenfield House,
69/73, Manor Road,
Wallington, Surrey.
*Tel.* 01-669 4433.
*Telex*: 946560.

**Hughes & Hughes Ltd.,**
Elms Industrial Estate,
Church Road,
Harold Wood,
Romford, Essex.
RM3 0HR.
*Tel.* Ingrebourne 49017.

**Humko Products**
**(Division of Kraft Foods Ltd.),**
Westinghouse Road,
Trafford Park,
Manchester, M17 1DR.
*Tel.* 061-872 3441.
*Telex*: 667322.

**Hurvitz, Cyril, (U.K.) Ltd.,**
14-17, St. John's Square,
London, E.C.1.
*Tel.* 01-253 3070.
*TA. " Hurvitz London, EC1."*
*Telex*: 28574.

**Iberian Foods Ltd.,**
15/16, Leather Market,
London, SE1 3UB.
*Tel.* 01-407 0746.
*TA.* " *Silfel London SE*1."

**Imperial Chemical Industries Ltd.,**
Imperial Chemical House,
Millbank, London, S.W.1.
*Tel.* 01-834 4444.
*TA.* " *Impkemix London Telex.*"

**Independent Berth Levi Casings Ltd.,**
Independent House,
58, Farringdon Road,
London, E.C.1.
*Tel.* 01-253 5351.
*TA.* " *Indepencas London, E.C.*1."
*Telex:* 262876.

**Ingram Bros. (Glasgow) Ltd.,**
24/30, Sussex Street,
Glasgow, S.1.
*Tel.* 041-429 2224.

**International Flavours & Fragrances I.F.F. (G.B.) Ltd.,**
Flavour Division,
Duddery Hill,
Haverhill, Suffolk.
*Tel. Haverhill* 3151.

**Israel, Jack L., Ltd.,**
36-38, Piazza Chambers,
Covent Garden,
London, WC2E 8EP.
*Tel.* 01-240 2131.
*Telex:* 262966.

**Jacobson Van Den Berg & Co. (U.K.) Ltd.,**
Jacoberg House,
231, The Vale,
Acton,
London, W3 7RN.
*Tel.* 01-743 9121.
*TA.* " *Jacoberg London.*"
*Telex:* 934741.

**Jeffreys, Miller & Co. Ltd.,**
Leyland Mills,
Wigan, Lancs.
*Tel. Wigan* 42327.
*TA.* " *Maltum, Wigan.*"

**K.W.-Revai Chemicals Ltd.,**
Caroline House,
55/57, High Holborn,
London, WC1V 6EF.
*Tel.* 01-242 7981.
*Telex:* 261585.

**Kean, George C., & Co. Ltd.,**
Pembroke House,
Wellesley Road,
Croydon, Surrey, CR0 2AR.
*Tel.* 01-686 0791.
*Telex:* 263432.

**Kellys, John, (London) Ltd.,**
Prescot House,
Prescot Street,
London, E1 8BB.
*Tel.* 01-709 9421.
*TA.* " *Ergotine, London, E.*1."
*Telex:* 884659/884650.

**KemaNord Ltd.,**
37, High Street,
Marlow, Bucks., SL7 1AU.
*Tel. Marlow* 6741.
*Telex:* 847063 *Chem-Plast-Marl.*

**Kimpton Bros. Ltd.,**
2, Chandos Street,
London, W1M 0EH.
*Tel.* 01-636 7525.
*TA.* " *Kimbros London W*1."
*Telex:* 263061.

**Kingsley & Keith (Chemicals) Ltd.,**
Suffolk House,
George Street,
Croydon, Surrey. CR9 3QL.
*Tel.* 01-686 0544.
*TA.* " *Kimpex Croydon Telex.*"
*Telex:* Croydon 28386.

**Kirkpatrick, Barr & Paton (London) Ltd.,**
Abford House,
Wilton Road,
London, S.W.1.
*Tel.* 01-828 8111.

**Kohnstamm, H., & Co. (U.K.) Ltd.,**
76, Glentham Road,
London, SW13 9JJ.
*Tel.* 01-748 3616.
*TA. " Standchem, London, SW*13."

**Laing National Ltd.,**
Southampton House,
York Road,
London, S.W.11.
*Tel.* 01-228 1091.
*Telex*: 667030.

**Lancashire Condenseries Ltd.,**
School Lane, Bamber Bridge,
Preston, Lancs.
*Tel. Preston* 35495.
*TA. " Condense, Preston."*
*Telex:* 67630.

**Landauer & Co. (Produce) Ltd.,**
39, Eastcheap,
London, EC3M 1EA.
*Tel.* 01-626 4321.
*TA. " Landauer London."*
*Telex*: 883858.

**Laporte Industries Ltd.,**
P.O. Box 8,
Luton, Beds.
*Tel. Luton* 21212.
*Telex:* 82221.

**Layton, John, & Co. Ltd.,**
Salisbury House,
London Wall,
London, EC2M 5XD.
*Tel.* 01-638 6088.
*Telex: Wedfin-Ldn.* 888857.

**Leiner, P., & Sons Ltd.,**
Treforest,
Glamorgan, S. Wales.
*Tel. Treforest* 2464.
*TA. " Leingels Pontypridd."*
*Telex*: 49341.

**Lesme Ltd.,**
Sunya House, Scrubs Lane,
London, NW10 6SB.
*Tel.* 01-969 3001.
*TA. " Lesmechoc Harles London."*
*Telex:* 23675.

**Lipton, C. H., & Co. Ltd.,**
22, Farringdon Road,
London, EC1R 3AU.
*Tel.* 01-253 5299.
*TA. " Aplipco, London."*
*Telex:* 23723.

**Liverpool Rusk Co. Ltd.,**
Sorak Mills, Victoria Road,
Liverpool, L13 8AN.
*Tel.* 051-228 0104.

**Lochore & Ferguson Ltd.**
Upper Ingleston,
Greenock, Renfrewshire,
*Tel. Greenock* 23231.
*TA. " Purity, Greenock."*

**Loders & Nucoline Ltd.,**
Sussex House,
Burgess Hill,
West Sussex, RH15 9AW.
*Tel. Haywards Heath* 58100.
*TA. " Nucoa, Burgess Hill."*
*Telex:* 877381.

**Lofil Ltd.,**
Power Road,
London, W.4.
*Tel.* 01-995 0555.
*TA. " Lautierfis, London, Telex."*
*Telex:* 24596.

**London Oil Medina Ltd.,**
Camberwell Grove,
London, S.E.5.
*Tel.* 01-733 5644.
*TA. " Lomoils, London."*

**London Refiners Ltd.,**
Absa House,
Southend Road,
Woodford Green, Essex, 1G8 8HD.
*Tel.* 01-550 2231.

**Love, N. B., Starches Pty. Ltd.,**
106, High Street,
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*Tel. Dorking* 81156.
*TA. " Represent Dorking."*

**Lucas, T., & Co. Ltd.,**
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*Tel. Bristol* 674681.
*Telex: " Ruskit Bristol."*

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*Tel.* 01-247 0666.

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*Tel.* 01-686 0826/8.
*TA. " Macforbes Croydon."*
*Telex:* 22271.

**McCaul, Gilbert J., & Co. Ltd.,**
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Croydon, CR9 3LX.
*Tel.* 01-686 2511.
*TA. " Modernmark Croydon."*
*Telex:* 261358.

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Surrey, CR9 4QB.
*Tel.* 01-681 3434.
*TA. " Cormick Croydon."*
*Telex:* 946529.

**Mack & Edwards (Distributors) Ltd.,**
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*Tel. Paddock Wood* 3366.
*Telex:* 95215.

**Macphie & Co. (Produce) Ltd.,**
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*Tel.* 041-554 4521.
*TA. " Shortening, Glasgow."*

**Manbré Sugars Ltd.,**
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*Tel.* 01-748 6021.
*TA. " Manbre London W.6."*
*Telex:* 262078.

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*Tel. Hereford* 67794.

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*Tel. Keynsham* (02756) 2101.

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*Tel. Hull* (0482) 75234.
*TA. " Marfax Hull."*
*Telex:* 52535.

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Monument Way East,
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Surrey, GU21 5LY.
*Tel. Woking* 70771.

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*Tel.* 01-592 3060.
*Telex:* 28691.

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*Tel.* 01-636 2151.
*Telex:* 263061.

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*TA.* " *Medinoil London—S.E.8* "

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*Tel.* 01-930 6825.
*TA.* " *Purefruit London, S.W.1.*"
*Telex:* 27680.

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**Meyer Levy Jun. Ltd.,**
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*TA.* " *Meylevy, London.*"

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*TA.* " *Milpromark, London, S.E.1.*"
*Telex*: 884497 (*Dapromark*).

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*TA.* " *Mischeff, London, S.E.1.*"
*Telex:* 25450.

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*Tel.* 01-222 5678.
*TA.* " *Monsanto London S.W.1.*"
*Telex:* 916093.

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*Tel. Barnsley* 753137.

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*Tel. Crewe* 3261.
*TA.* " *Mornfood, Crewe.*"

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*Tel.* 051-709 9483.

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*Tel. Stowmarket* 2401.
*TA.* " *Muntona, Stowmarket.*"
*Telex:* 98205.

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*TA.* " *Naardenlon, London, S.W.15.*"
*Telex:* 27395.

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*Tel.* 01-686 3333.
*TA.* " *Nestlé, Croydon, Telex.*"

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*Tel. Sedgley* 2537.

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*Tel. Northwich* 2361.
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*Telex:* 627754.

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*TA. " Norda Slough Bucks."*
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*Telex*: 23907 Oceecolim LDN.

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*Tel.* 0483 32231.

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*Tel. St. Albans* 60461.

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*Telex:* 261361.

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*Tel. Leeds* 632222.

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*Telex*: 779012.

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*Tel. Dursley* (0453) 3272

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*Telex:* 23455.

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*TA.* "*Dairy Trowbridge.*"
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*TA.* "*Viskase Croydon.*"
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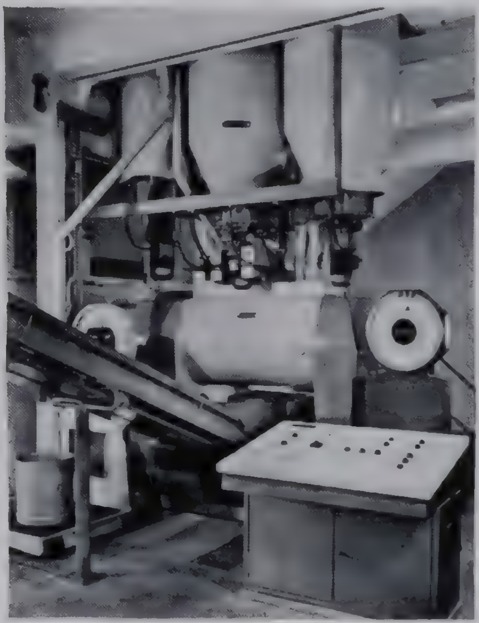

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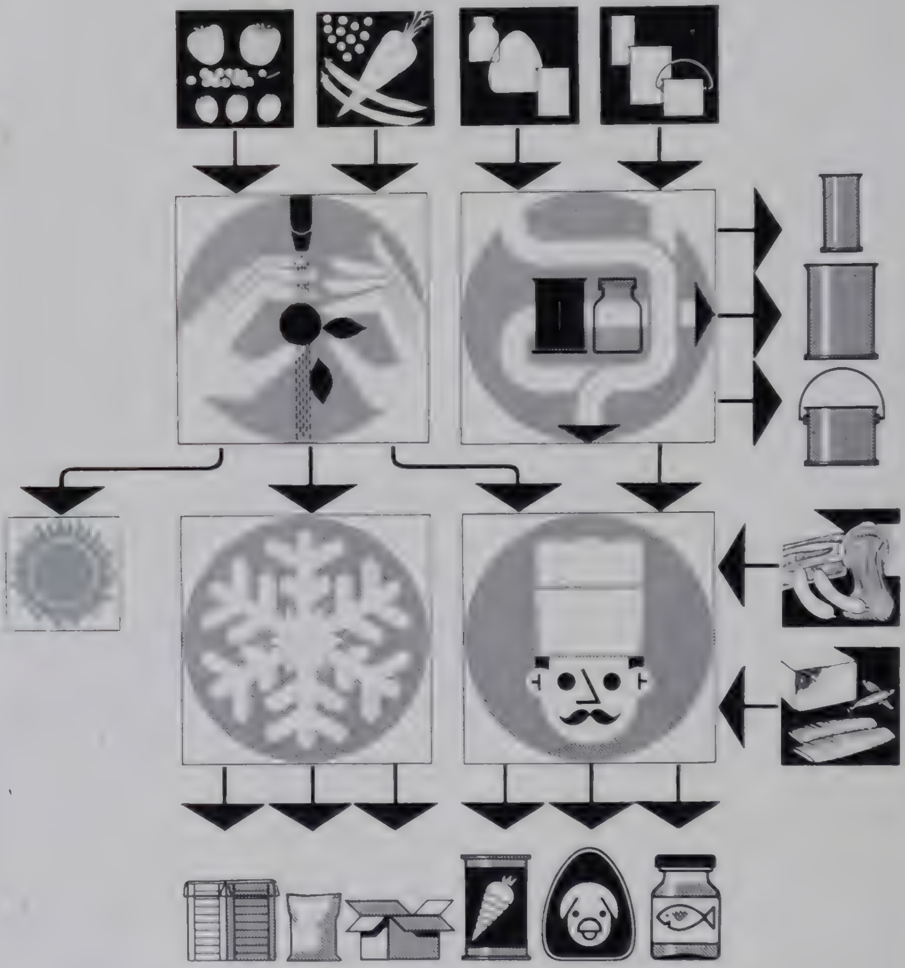

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## CLASSIFIED

### ABATTOIR EQUIPMENT

ABR Food Machinery Co. Ltd.
Albrin Products Ltd.
Alcoa Container Systems (G.B.)
Angel Truck Co. Ltd.
Associated Crates Ltd.
Braby Group Ltd. (Liverpool)
Coolmata Ltd.
Giusti, T., & Son Ltd.
Grenco Eng. & Contracting Ltd.
HTI Engineering
Iwel Engineering Ltd.
King, Geo. W., Ltd.
Lightfoot Refrigeration Co. Ltd.
Maitlands (Metal Works) Ltd.
Meynell Valves Ltd.
Minikay Ltd.
New Haden Pumps Ltd.
Noviss Plastics Ltd.
P.D. (Technical Mouldings) Ltd.
Paterson Hughes Engineering Co.
Prestcold Ltd.
RHM Ingredient Supplies Ltd.
Sandvik Conveyors Ltd.
Selo-Bollans Ltd.
Stewart Gill & Co. Ltd.
TRF Pland Ltd.
Urschel International Ltd.
WCB Containers Ltd.
Warwick Production Co. Ltd.
Wetter, J. C., & Co.

### ACCELERATED FREEZE DRYING PLANT

Grenco Eng. & Contracting Ltd.
FMC Corporation (U.K.) Ltd.
*See also Freeze-Drying Plant*

### AERATION UNITS

B.V.C. Ltd.
Callow Engineering Ltd.
King, Geo. W., Ltd.
Lightnin Mixers Ltd.
Manor Engineering Co. Ltd.
Oakes, E. T., Ltd.
Ryaland Pumps Ltd.
Simon-Hartley Ltd.
Van den Bergh & Partners Ltd.
Wade Engineering Ltd.

### AGITATORS

A. P. V. Osborne Craig Ltd.
Airey, Robert, & Son, Ltd.
Apex Construction Ltd.
Baldock & Pearce Ltd.
Balfour, Henry, & Co. Ltd.
Boulton, William, Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Clarke Chapman Ltd.
Clayton, George S., Ltd.
Compair Industrial Ltd.
Electropower Gears Ltd.
FMC Corporation (U.K.) Ltd.
Gardners of Gloucester
Giusti, T., & Son Ltd.
Gough & Co. (Hanley) Ltd.
Hiron & Rempler Ltd.
I. & P. Chemical Engineers Ltd.
Johnson, A., & Co. (London) Ltd.
Lang-London-Ltd.
Lightnin Mixers Ltd.
Maitlands (Metal Works) Ltd.
Manor Engineering Co. Ltd.
Montague, Sharpe & Co. Ltd.
Moritz Chemical Engineering
Mucon Eng. Co. Ltd.
Plenty & Son
Podmores (Engineers) Ltd.
Polypenco Ltd.
Premier Colloid Mills Ltd.
Ramsden, R., & Son Ltd.

S.S.V. Ltd.
Simon, Henry, Ltd.
Steetley Co. Ltd.
Telcon-Process
Vicars, T. & T., Ltd.
Walter Denis Contacts Co. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### AIR BLOWERS

B.V.C. Ltd.
Bartleet, Norman, Ltd.
Brierley, Collier & Hartley Equipment Ltd.
British Vacuum Cleaner & Engineering Co. Ltd.
Buhler-Miag (England) Ltd.
Carter Thermal Industries
Compair Industrial Ltd.
Dawson, MacDonald & Dawson
FMC Corporation (U.K.) Ltd.
Food Process Installations
Helifit Engineering Ltd.
Hill & Dolman (Engineers) Ltd.
Holmes, W. C., & Co. Ltd.
Improvair Ltd.
King, Geo. W., Ltd.
Lacy-Hulbert & Co. Ltd.
Minikay Ltd.
Mucon Eng. Co. Ltd.
Rapmac Ltd.
Silent Machine & Engineering Co.
Sturtevant Engineering Co. Ltd.
Van den Bergh Walkinshaw
Vanmar Products Ltd.
Wade Engineering Ltd.
Walter Denis Contacts Co. Ltd.
Woods of Colchester Ltd.

### AIR BLOWERS (OIL FREE)

B.V.C. Ltd.
Bivac Air Co. Ltd.
Carter Thermal Industries
Compair Industrial Ltd.
Dawson, McDonald & Dawson
Helifit Engineering Ltd.
Holmes, W. C., & Co. Ltd.
Lacy-Hulbert & Co. Ltd.
Mucon Eng. Co. Ltd.
Northey Rotary Compressors Ltd.
Rapmac Ltd.
Ryaland Pumps Ltd.
Sturtevant Engineering Co. Ltd.
Wade Engineering Ltd.

### AIR CLEANING MACHINES

B.V.C. Ltd.
Bivac Air Co. Ltd.
Borsch, Robert, Packaging Machinery
Carrier Engineering Co. Ltd.
Cimex Ltd.
Davidson & Co. Ltd.
FMC Corporation (U.K.) Ltd.
Fairest, Morgan, Ltd.
Gunson's Sortex Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Holmes, W. C., & Co. Ltd.
Mikropul Ltd.
Rockwell Pneumatic Scale Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson

### AIR CONDITIONING PLANT

A. P. Manufacturing Co. Ltd.
Alfred & Co. Ltd.
Biddle, F. H., Ltd.
Bivac Air Co. Ltd.
Carrier Engineering Co. Ltd.
Carter Thermal Industries
Davidson & Co. Ltd.
Heather Filters Ltd.
Improvair Ltd.
Lightfoot Refrigeration Co. Ltd.
Luwa (U.K.) Ltd.
Minikay Ltd.
Prestcold Ltd.
Rimer-Birlec Ltd.
Rotaire Driers Ltd.
Serck Visco
Spiral Tube (Heat Transfer) Ltd.
Sturtevant Engineering Co. Ltd.
Supervents Ltd.
Udec Refrigeration Ltd.
York Division of Borg-Warner

### AIR CURTAINS

Hanovia Lamps Ltd.
Minikay Ltd.
Rapmac Ltd.

### AIR RECEIVERS

Abbott & Co. (Newark) Ltd.
Baldock & Pearce Ltd.
Butterfield, W. P., (Engineers) Ltd.
Clarke Chapman Ltd.
Compair Industrial Ltd.
**Dawson McDonald & Dawson**
Fraser, John, & Son Ltd.
Giusti, T., & Son Ltd.
**Lacy-Hulbert & Co. Ltd.**
Rimer-Birlec Ltd.
Silent Machine & Engineering
Welch, J. A. (Plant & Vessel) Ltd.

### AIR STERILISATION PLANT (ULTRA-VIOLET)

*See Sterilisation Plant (Air) (ultra-violet)*

### AIR WASHERS

Acme Conveyors & Construction
B.V.C. Ltd.
Biddle, F. H., Ltd.
Bosch, Robert, Packaging Machinery
Buell Ltd.
**Carrier Engineering Co. Ltd.**
Davidson & Co. Ltd.
Holmes, W. C., & Co. Ltd.
Power Mop Ltd.
Visco Engineering Co. Ltd.

### ALMOND BLANCHERS

*See Blanchers (Almond)*

### ALMOND DRYERS

*See Dryers (Almond)*

### ALMOND GRADERS

*See Graders (Almond)*

### ALMOND MILLS

*See Mills (Almond)*

### ANIMAL BY-PRODUCTS PLANT

Alcoa Container Systems (G.B.)
Balfour, Henry, & Co. Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Cornwell Products Ltd.
Douglas-Rownson Ltd.
HTI Engineering
Iwel Engineering Ltd.
**Maitlands (Metal Works) Ltd.**
Noviss Plastics Ltd.
Payne, F. C., & Co.
Pennwalt Ltd.
Plenty & Son Ltd.
Selo-Bollans Ltd.
Shaw, A. J., Co.
Simon-Barron Ltd.
Simon-Rosedowns Ltd.
Wetter, J. C., & Co.

### APPLE GRADERS

*See Graders (Apple)*

### APPLE PEELERS & CORERS

*See Peelers and Corers (Apple)*

### APPLE SLICERS

*See Slicers (Apple)*

### ARTIFICIAL CREAM MAKING PLANT

Giusti, T., & Son Ltd.
**Hiron & Rempler Ltd.**
Johnson, A., & Co. (London) Ltd.
Lang-London-Ltd.
M. & M. Process Equipment Ltd.
Novotechnics Ltd.
Payne, F. C., & Co.
Watten Emulsifying Machines Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### ATTEMPERATORS

Burnett & Rolfe Ltd.
Lightfoot Refrigeration Co. Ltd.
Morton, Robert, DG Ltd.
Ramsden, R., & Son **Ltd.**
S.S.V. Ltd.
Vickers Engineering Group
Welch, J. A., (Plant & Vessel) Ltd.

## AUTOCLAVES

A. P. V.-Mitchell (Dryers) Ltd.
**Apex Construction Ltd.**
Associated Metal Works (Glasgow)
Atack-Turner Ltd.
B.D.P. Group
Blairs Ltd.
Bog Jorgensen Ltd.
Boulton, William, Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Butterfield, W. P., (Engineers) Ltd.
Clarke Chapman Ltd.
Clayton, George S., Ltd.
Danks of Netherton
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Foodtech Ltd.
Fraser, John & Son Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Iwel Engineering Ltd.
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Manlove Alliott & Co. Ltd.
Mather & Platt Ltd.
RHM Ingredient Supplies Ltd.
**Ramsden, R., & Son Ltd.**
S.S.V. Ltd.
TRF Pland Ltd.
Van den Bergh & Partners Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## AUTOMATION & CONTROL SYSTEMS

*See Process Control Systems*

## BABY FOOD PLANT

A.P.V. Co. Ltd.
Alcoa Container Systems (G.B.)
**Apex Construction Ltd.**
Ataroth Ltd.
Balfour, Henry, & Co. Ltd.
Bosch, Robert, Packaging Machinery
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
FMC Corporation (U.K.) Ltd.
Gardners of Gloucester
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
ITC Systems
Johnson, A., & Co. (London) Ltd.
Kellie, Robert, & Son Ltd.
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Payne, F. C., & Co.
Plenty & Son Ltd.
Revel Controls Ltd.
Simon, Richard, & Sons Ltd.
Telcon-Process
Urschel International Ltd.
Van den Bergh Walkinshaw
Welch, J. A., (Plant & Vessel) Ltd.

## BACON FACTORY EQUIPMENT

ABR Food Machinery Co. Ltd.
Albrin Products Ltd.
Alcoa Container Systems (G.B.)
Angel Truck Co. Ltd.
Ascoli Ltd.
Associated Metal Works (Glasgow) Ltd.
Bishop, Thomas, Ltd.
Emhart (U.K.) Ltd.
Foodtech Ltd.
Giusti, T., & Son Ltd.
Iwel Engineering Ltd.
Marryat Handling Ltd.
Minikay Ltd.
Noviss Plastics Ltd.
RHM Ingredient Supplies Ltd.
Rose Forgrove Ltd.
Sandvik Conveyors Ltd.
Selo-Bollans Ltd.
Stewart Gill & Co. Ltd.
Urschel International Ltd.
WCB Containers Ltd.
Warwick Production Co. Ltd.
Wetter, J. C., & Co.

## BACON SLICING MACHINES

*See Slicing Machines*

### BACON WRAPPING MACHINES

*See Wrapping Machines*

### BAG CLOSING MACHINES

ABR Food Machinery Co. Ltd.
Automated Packaging Systems
Bartleet, Norman, Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Bristol Packaging Machines
Carrington Packaging Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Engineering Developments (Farnborough) Ltd.
Formost Packaging Machines Ltd.
Gosheron, John, & Co. Ltd.
Grace, W. R. Ltd.
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Nopi Ltd.
Novotechnics Ltd.
Pelkman, John, Eng. Co.
Petzold, Henry, & Co.
Rapmac Ltd.
Selo-Bollans Ltd.
Smith & Nephew Plastics Ltd.
Smith & Nephew Tapes Ltd.
Van den Bergh Walkinshaw
Watten Emulsifying Machines Ltd.

### BAG CLOSING MACHINES (CELLULOSE FILM)

ABR Food Machinery Co. Ltd.
Automated Packaging Systems
Bartleet, Norman, Ltd.
Bland International Packaging
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Doboy Ltd.
Formost Packaging Machines Ltd.
Gosheron, John, & Co. Ltd.
Ivers-Lee (G.B.) Ltd.
Mason & Morton Ltd.
Novotechnics Ltd.
Rapmac Ltd.
Selo-Bollans Ltd.

### BAG FILLING MACHINES

*See Filling Machines (Bag)*

### BAG FORMING, FILLING AND SEALING MACHINES

Autopack Ltd.
Autowrappers (Norwich) Ltd.
Bartleet, Norman, Ltd.
Blands International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Bristol Packaging Machines
British Hartford-Fairmont Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Emhart (UK) Ltd.
Europack Engineering Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Machinery Continental Packaging
Novotechnics Ltd.
Pacunion Ltd.
Petzold, Henry, & Co.
Rapmac Ltd.
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Skerman Group
Smith & Nephew Plastics Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh Walkinshaw
Weston-White Packaging Co.
Wright Machinery Co. Ltd.

### BAG GUMMING MACHINES

Hill & Dolman (Engs.) Ltd.
Van den Bergh Walkinshaw

### BAG MAKING MACHINES

Automated Packaging Systems
Beasley French & Co. Ltd.
Bland International Packaging
Chadwick, Cobden, Ltd.
Edlon Machinery Ltd.
FMC Corporation (U.K.) Ltd.
Hill & Dolman (Engs.) Ltd.

Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Lotz Abbott & Co. Ltd.
MIA (Sheffield) Ltd.
Metal Box Co. Ltd.
Rapmac Ltd.
Rockwell Packaging Machines Ltd.
Van den Bergh Walkinshaw
Weston-White Packaging Co.
Wright Machinery Co. Ltd.

### BAG MAKING MACHINES (CELLULOSE FILM)

Bosch, Robert, Packaging Machinery
Chadwick, Cobden, Ltd.
Emhart (U.K.) Ltd.
FMC Corporation (U.K.) Ltd.
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Lotz Abbott & Co. Ltd.
Rapmac Ltd.
Rockwell Packaging Machines Ltd.
Selo-Bollans Ltd.
Van den Bergh Walkinshaw
Wright Machinery Co. Ltd.

### BAG MAKING, FILLING, & SEALING MACHINES

Arenco-Alite Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
British Hartford-Fairmont Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
FMC Corporation Ltd.
Formost Packaging Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Hill & Dolman (Engs.) Ltd.
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Lotz Abbott & Co. Ltd.
Mark Anthony Engineering Ltd.
Novotechnics Ltd.
Pacunion Ltd.
Payne, F. C., & Co.
Petzold, Henry, & Co.
Rapmac Ltd.
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd.
Rose Forgrove Ltd.
Selo-Bollans Ltd.
SIG Swiss Industrial Co.
Van den Bergh Walkinshaw
Weston-White Packaging Co.
Wright Machinery Co. Ltd.

### BAG MAKING, FILLING, SEALING & LABELLING MACHINES

Arenco-Alite Ltd.
Bartleet, Norman, Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Gosheron, John, & Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Rapmac Ltd.
Rockwell Packaging Machines Ltd.
Selo-Bollans Ltd.
SIG Swiss Industrial Co.
Van den Bergh Walkinshaw
Weston-White Packaging Co.
Wright Machinery Co.

### BAG OPENING MACHINES

Arenco-Alite Ltd.
Autopack Ltd.
Bland International Packaging
Europack Eng. Co. Ltd.
FMC Corporation (U.K.) Ltd.
Formost Packaging Machines Ltd.
Gardners of Gloucester
Hill & Dolman (Engs.) Ltd.
Lotz Abbott & Co. Ltd.
Petzold, Henry, & Co.
Rapmac Ltd.
Sapal Ltd.
Simon-Barron Ltd.
Smith & Nephew Plastics Ltd.
Van den Bergh Walkinshaw
Vanmar Products Ltd.

### BAGGING MACHINES (AUTOMATIC)

Avery Parsons
Europack Eng Co. Ltd.
Formost Packaging Machines Ltd.
Weston-White Packaging Co.

### BAKERS' TRAY WASHING MACHINES

*See Washing Machines (Bakers' Tray)*

### BAKERY FITTINGS

ABR Food Machinery Co. Ltd.
Barker, Thomas of Manchester
Invicta Sheet Metal Co. Ltd.
Mason, W. F., Ltd.
Mono Universal Bakery Machinery
Noviss Plastics Ltd.
RHM Ingredient Supplies Ltd.
Reads & Barrons

### BAKERY UTENSILS

ABR Food Machinery Co. Ltd.
Invicta Sheet Metal Co. Ltd.
Mason, W. F., Ltd.
Noviss Plastics Ltd.
Prestige Industrial Ltd.
RHM Ingredient Supplies Ltd.
Reads & Barrons
Skerman Group
WCB Containers Ltd.

### BAKING PANS

*See Pans (Baking)*

### BAKING POWDER MACHINERY

Alcoa Container Systems (G.B.)
Arenco-Alite Ltd.
Gardners of Gloucester
Payne, F. C., & Co.
Van den Bergh Walkinshaw

### BAKING POWDER PACKING MACHINERY

*See Packaging Machines (Powder)*

### BAKING SHEETS (ALUMINIUM)

Barker, Thomas of Manchester
Coolmota Ltd.
Invicta Sheet Metal Co. Ltd.
Metal Centres Ltd.
Normanton Engineers Ltd.
Prestige Industrial Ltd.
Pullman Pans Ltd.
Reads & Barrons
Warwick Production Co. Ltd.

### BAKING SHEETS (STEEL)

Barker, Thomas of Manchester
Bartleet, Norman, Ltd.
Coolmota Ltd.
Crollie, J., & Son Ltd.
Invicta Sheet Metal Co. Ltd.
Loughborough Ovens Ltd.
Normanton Engineers Ltd.
Potter, F. W., & Soar Ltd.
Prestige Industrial Ltd.
Pullman Pans Ltd.
Reads & Barrons

### BALANCE TANKS

*See Tanks (Balance)*

### BALING MACHINES

Angel Truck Co. Ltd.
Europack Eng. Co. Ltd.
Gilbert, G. & R., Ltd.
Hart, W. J., & Sons London) Ltd.
Portable Balers Ltd.
Tyne Truck & Trolley Co. Ltd.

### BALLING MACHINES

ABR Food Machinery Co. Ltd.
Angel Truck Co. Ltd.
Bartleet, Norman, Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Robinson, W. S., & Co. Ltd.

### BANDSAWS (MEAT)

ABR Food Machinery Co. Ltd.
Albrin Products Ltd.
Biro Food Machinery Ltd.
Bizerba Ltd.
Edwards, F. J., Ltd.

Foodtech Ltd.
Herbert & Sons Ltd.
Hobart Manufacturing Co. Ltd.
Holroyd Food Machinery Ltd.
RHM Ingredient Supplies Ltd
Selo-Bollans Ltd.
Smith, O. L., & Co. Ltd.
Union Food Machinery & Equipment Ltd.
Wetter, J. C., & Co.

### BARLEY CLEANING MACHINES

*See Cleaning Machines (Barley)*

### BARLEY DRYING MACHINES

*See Drying Machines (Barley)*

### BARLEY DRYING & SWEATING MACHINES

*See Drying & Sweating Machines (Barley)*

### BARLEY GRINDING MACHINES

*See Grinding Machines (Barley)*

### BASKETS (STAINLESS STEEL)

Dairy Supply Co.
Freeman Taylor Ltd.
Giusti, T., & Son Ltd.
Johnson, A., & Co. (London) Ltd.
Nichols, Joseph, & Son Ltd.
Potter, F. W., & Soar Ltd.
Royles Ltd.
Selo-Bollans Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### BASKETS (WOVEN WIRE)

Airpel Ltd.
Applied Chemicals Ltd.
Coolmota Ltd.
Dairy Supply Co.
Locker Industries Ltd.
Omic Ltd.
Potter, F. W., & Soar Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### BEATERS (PRESSURE)

**Continuous**

Bartleet, Norman, Ltd.

### BELTS (CONVEYOR)

ABR Food Machinery Co. Ltd.
Acme Conveyors & Construction
Angel Truck Co. Ltd.
Angus, George, & Co. Ltd.
Ascoli Ltd.
Baker Perkins Ltd.
Bancroft Fillers & Appliances Ltd.
Bartleet, Norman, Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Buhler-Miag (England) Ltd.
Carrington Packaging Ltd.
Clayton, George S., Ltd.
Coolmota Ltd.
Davies, Pritchard & Richmond Ltd.
Dexion Group of Companies
Dico Packaging Engineers Ltd.
Ease-E-Load Trolleys Ltd.
Fairest, Morgan, Ltd.
Food Process Installations
General Electric Co. Ltd.
Goodyear Tyre & Rubber Co. (Great Britain) Ltd.
Gravfil Machines Ltd.
Greenings (Mechanisation) Ltd.
Habasit (Gt. Britain) Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Holland, Peter, (Food Machinery)
Jonge Poerink Wire Ltd.
Ling Systems Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Mulcott Belting Co. Ltd.
Nealis Harrison Ltd.
Peters Packaging Ltd.
Purdy Machinery Co. Ltd.
Rapmac Ltd.
Redman Fisher Eng. Ltd.
Sandvik Conveyors Ltd.
Scandura Ltd.
Selo-Bollans Ltd.
Simon-Vicars Ltd.
Sovex Marshall Ltd.
Stephens Miraclo Belts Ltd.

Stewart Gill & Co. Ltd.
Stott, S. S., Ltd.
Turner Brothers Asbestos Co. Ltd.
Tweedy of Burnley Ltd.
Walter Denis Contacts Co. Ltd.
Wright Hargreaves Eng. Co.
Wright Machinery Co. Ltd.
Youngman, W. C., Ltd.

### BELTS (CONVEYOR) plastic

Acme Conveyors & Construction
Angus, George, & Co. Ltd.
Baker Perkins Ltd.
Bancroft Fillers & Appliances Ltd.
Berendsen, S., Ltd.
Clayton, George S., Ltd.
Davies, Pritchard & Richmond
Dico Packaging Engineers Ltd.
Food Process Installations
Gravfil Machines Ltd.
Holland, Peter, (Food Machinery)
Ling Systems Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Mulcott Belting Co. Ltd.
Nealis Harrison Ltd.
Novotechnics Ltd.
Peters Packaging Ltd.
Rapmac Ltd.
Scandura Ltd.
Selo-Bollans Ltd.
Stephens Miralco Belts Ltd.
Stewart Gill & Co. Ltd.
Turner Brothers Asbestos Co. Ltd.
Tweedy of Burnley Ltd.
Walter Denis Contacts Co. Ltd.
Wright Machinery Co. Ltd.

### BELTS (CONVEYOR) wire

Acme Conveyors & Construction
Baker Perkins Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Bramigk & Co. Ltd.
Davies, Pritchard & Richmond Ltd.
Food Process Installations
Gravfil Machines Ltd.
Greenings (Mechanisation) Ltd.
Jonge Poerink Wire Ltd.
Lane, George, & Sons Ltd.
Locker Industries Ltd.
Nealis Harrison Ltd.
Novotechnics Ltd.
Rapmac Ltd.
Reads & Barrons
Selo-Bollans Ltd.
Stewart Gill & Co. Ltd.
Telma Engineering Ltd.
Tweedy of Burnley Ltd.
Walter Denis Contacts Co. Ltd.

### BELTS (ENROBER)

Angus, George, & Co. Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Berendsen, S., Ltd.
Bramigk & Co. Ltd.
Davies, Pritchard & Richmond Ltd.
Greenings (Mechanisation) Ltd.
Guylew Manufacturing Co. Ltd.
Mulcott Belting Co. Ltd.
Walter Denis Contacts Co. Ltd.

### BEVERAGE MIXING MACHINES

*See Mixers*

### BIN CARRIERS

Albrin Products Ltd.
Angel Truck Co. Ltd.
Clayton, George S., Ltd.
Invicta Sheet Metal Co. Ltd.
Kings Cross Truck Co. Ltd.
Manufacturers Equipment Co. Ltd.
Powell & Co.
WCB Containers Ltd.
Wilmat Handling Co. Ltd.

### BIN LEVEL INDICATORS

*See Level Indicators (Bin)*

### BINS (GRAIN STORAGE)

A. P. Manufacturing Co. Ltd.
Abbott & Co. (Newark) Ltd.
Aldersley Engineers Ltd.
Braby Group Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Clayton, George S., Ltd.
Custance, J. C., & Co. Ltd.
Dawson & Barfos (Mfg.) Ltd.

G.E.C.-Elliott Mechanical Handling Ltd.
Gilbert, G. & R., Ltd.
P.D. (Technical Mouldings) Ltd.
Redler Conveyors Ltd.
Rubery Owen (Wrexham) Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Welch, J. A. (Plant & Vessel) Ltd.
Willis Europlant Ltd.

### BINS (STORAGE)

ABR Food Machinery Co. Ltd.
AMF-Legg
A.P. Manufacturing Co. Ltd.
Albrin Products Ltd.
Alcoa Container Systems (G.B.)
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Baldock & Pearce Ltd.
Braby Group Ltd.
Bramigk & Co. Ltd.
Callow Engineering Ltd.
Clayton, George S., Ltd.
Dawson & Barfos (Mfg.) Ltd.
Dexion Group of Companies
Food Process Installations
Forbes, Kenneth, (Plastics) Ltd.
Gardners of Gloucester
G.E.C.-Elliott Mechanical Handling
Gilbert, G. & R., Ltd.
Giusti, T., & Son Ltd.
Grundy (Teddington) Ltd.
Handy Angle
Invicta Sheet Metal Co. Ltd.
Johnson, A., & Co., (London) Ltd.
M.G.K. Engineering Co. Ltd.
Manufacturers Equipment Co. Ltd.
Noviss Plastics Ltd.
Omic Ltd.
P.D. (Technical Mouldings) Ltd.
Pegson Ltd.
RHM Ingredient Supplies Ltd.
Redler Conveyors Ltd.
Redman Fisher Eng. Ltd.
Rubery, Owen (Wrexham) Ltd.
Samco-Strong Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
WCB Containers Ltd.
Waddell, Wm., Ltd.
Warwick Production Co. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Willis Europlant Ltd.
Wilmat Handling Co. Ltd.
Wright Machinery Co.

### BISCUIT CONE MACHINES (ICE CREAM)

*See Ice Cream Cone Biscuit Machines*

### BISCUIT COOLING & DRYING CONVEYORS

*See Conveyors (Cooling and Drying) Biscuit*

### BISCUIT CUTTING MACHINES

*See Cutting Machines (Biscuit)*

### BISCUIT GRANULATING MACHINES

*See Granulating Machines (Biscuit)*

### BISCUIT MOULDING MACHINES

*See Moulding Machines (Biscuit)*

### BISCUIT RUSK DRYERS

*See Dryers (Biscuit Rusk)*

### BISCUIT TIN WASHING MACHINES

*See Washing Machines (Biscuit Tin)*

### BISCUIT WRAPPING MACHINES

*See Wrapping Machines (Biscuit)*

### BLACKCURRANT PICKERS

Brierley, Collier & Hartley Equipment Ltd.

### BLANCHERS

Balfour, Henry, & Co. Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Bramigk & Co. Ltd.

Brierley, Collier & Hartley Equipment
FMC Corporation (U.K.) Ltd.
Food Process Installations
Guylew Manufacturing Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Johnson, A., & Co. (London) Ltd.
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Selo-Bollans Ltd.
Uesco Ltd.
Van den Bergh & Partners Ltd.

## BLANCHERS (ALMOND)

Artofex Engineering Works Ltd.
Baker, Perkins Ltd.
**Bramigk & Co. Ltd.**
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
Giusti, T., & Son Ltd.
Manex & Co.
Van den Bergh & Partners Ltd.

## BLANCHERS (NUT)

Baker Perkins Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Manex & Co.
Van den Bergh & Partners Ltd.

## BLENDERS (CONTINUOUS)

### liquid

A.P.V. Co. Ltd.
Aiton & Co. Ltd.
Baker Perkins Ltd.
Bran & Luebbe (Great Britain) Ltd.
Foxboro-Yoxall Ltd.
G.E.C.-Elliott Control Valves Ltd.
Hart, W. J., & Sons (London) Ltd.
Lightnin Mixers Ltd.
Moritz Chemical Eng. Ltd.
Oakes, E. T., Ltd.
Payne, F. C., & Co.
Plenty & Son
Tourell (Sales) Ltd.

## BLENDING MACHINES (BUTTER)

Bristol Packaging Machines
Convertex Machinery Ltd.
Foodtech Ltd.
Hardaker, John T., (Food Machinery) Ltd.
Hiron & Rempler Ltd.
Johnson A. & Co. (London) Ltd.
Llewellin, G., & Son Ltd.
Morton Machine Co. Ltd.
Petzold, Henry, & Co.
Van den Bergh Walkinshaw
Vickers Ltd., Engineering Group
Winkworth Machinery Ltd.

## BLENDING MACHINES (TEA)

Baldock & Pearce Ltd.
Gardners of Gloucester
Stockdale Engineering Ltd.
Winkworth Machinery Ltd.

## BOGIES

A. P. Manufacturing Co. Ltd.
Angel Truck Co. Ltd.
Associated Crates Ltd.
Associated Metal Works (Glasgow)
Brierley, Collier & Hartley Equipment Ltd.
Bruce, Dawson & Co. (London)
Butterley Engineering Co. Ltd.
Ease-E-Load Trolleys Ltd.
Hunter, G., (London) Ltd.
Industrial Trucks Ltd.
Johnson, A., & Co. (London) Ltd.
Kings Cross Truck Co. Ltd.
Maitlands (Metal Works) Ltd.
Metal Units (Edinburgh) Ltd.
Montgomerie Reid Ltd.
Noviss Plastics Ltd.
Powell & Co.
Selo-Bollans Ltd.
Slingsby, H. C., Ltd.
SSV Ltd.
Tomlinsons (Rochdale) Ltd.

Tyne Truck & Trolley Co. Ltd.
Warwick Production Co. Ltd.
Wetter, J. C., & Co.
Wilmat Handling Co. Ltd.

### BOILERS (OIL FIRED) packaged

B.D.P. Group
Clarke Chapman Ltd
Danks of Netherton Ltd.
Food Process Installations
Foster Wheeler John Brown Boilers Ltd.
GEC Diesels Ltd.
Marshall's Tea Machinery Co. Ltd.
Morton, Robert, DG Ltd.
Payne, F. C., &. Co.
Perkins Boilers Ltd.
Stone-Platt Crawley Ltd.

### BONE TREATMENT PLANT

Balfour, Henry, & Co. Ltd.
Douglas-Rownson Ltd.
Foodtech Ltd.
Fraser, John, & Son Ltd.
Iwel Engineering Ltd.
Pennwalt Ltd.
Selo-Bollans Ltd.
Simon-Rosedowns Ltd.
Urschel International Ltd.

### BOTTLE ACCUMULATING TABLES

*See Tables (Bottle Accumulating)*

### BOTTLE BRUSHES

*See Brushes (Bottle)*

### BOTTLE CAPPING MACHINES

*See Capping Machines (Milk Bottle)*

### BOTTLE CARTONING MACHINES

*See Cartoning Machines*

### BOTTLE CONVEYORS

*See Conveyors (Bottle)*

### BOTTLE COOLERS

*See Coolers (Bottle)*

### BOTTLE & JAR CRATING MACHINES

Adams Powel Packaging Machinery
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
British Miller Hydro Co. Ltd.
Dairy Supply Co.
Doboy Ltd.
Emhart (U.K.) Ltd.
Engelmann & Buckham Ltd.
Erben, H., Ltd.
Holland, Peter, (Food Machinery)
Machinery Continental Packaging
Mather & Platt Ltd.
Pontifex, H., & Sons Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Willis Europlant Ltd.

### BOTTLE DE-CRATING MACHINES

Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Dairy Supply Co.
Doboy Ltd.
Dynatech Systems & Equipment
Erben, H., Ltd.
Gimson & Co. (Leicester) Ltd.
Machinery Continental Packaging
Meyer Dumore Int. Ltd.
Pontifex, H., & Sons Ltd.
U. D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Willis Europlant Ltd.

### BOTTLE DRAINERS

British Miller Hydro Co. Ltd.
Clayton, George S., Ltd.
Erben, H., Ltd.
Farrow & Jackson Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.

Slingsby, H. C., Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson

### BOTTLE DRYING MACHINES

*See Drying Machines (Bottle)*

### BOTTLE ELEVATORS

*See Elevators (Bottle)*

### BOTTLE FILLING MACHINES

*See Filling Machines (Bottle)*

### BOTTLE INSPECTION EQUIPMENT

Barry - Wehmiller Machinery Co.
Bosch, Robert, Packaging Machinery
British Miller Hydro Co. Ltd.
Clayton, George S., Ltd.
Claytons' (Birmingham) Ltd.
Emhart (U.K.) Ltd.
Erben, H., Ltd.
Fords (Finsbury) Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Meyer Dumore Int. Ltd.
Novotechnics Ltd.
Pontifex, H., & Sons Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson

### BOTTLE LABELLING MACHINES

*See Labelling Machines (Bottle and Jar)*

### BOTTLE RE-CRATING MACHINES

Adams Powel Packaging Machinery Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
British Miller Hydro Co. Ltd.
Dairy Supply Co. Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Erben, H., Ltd.
Gimson & Co. (Leicester) Ltd.
Holland, Peter, (Food Machinery)
Machinery Continental Packaging
Mather & Platt Ltd.
Meyer Dumore Int. Ltd.
Pontifex, H., & Sons Ltd.
Udec Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Willis Europlant Ltd.

### BOTTLE RINSING MACHINES

Allmet, Oliver Douglas Ltd.
Anglo Continental Machines Ltd.
Barry - Wehmiller Machinery Co.
Beam Engineering Products Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
British Miller Hydro Co. Ltd.
Clayton, George S., Ltd.
Emhart (U.K.) Ltd.
Erben, H., Ltd.
Gravfil Machines Ltd.
Hill, Thomas, Engineering Co.
Payne, F. C., & Co.
Revel Controls Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Willis Europlant Ltd.
Wright Hargreaves Tulloch Ltd.

### BOTTLE SORTING MACHINES

*See Sorting Machines (Bottle)*

### BOTTLE STERILISERS

*See Sterilisers (Bottle)*

### BOTTLE WASHING MACHINES

*See Washing Machines (Bottle)*

### BOTTLE WRAPPING MACHINES

*See Wrapping Machines (Bottle)*

### BOWL-CHOPPERS

ABR Food Machinery Co. Ltd.
Albrin Products Ltd.
Barwin Engineering Co. Ltd.

Biro Food Machinery Ltd.
Bizerba Ltd.
Crypto-Peerless Ltd.
Foodtech Ltd.
Gardner, John, & Son
Hart, W. J., & Sons (London) Ltd.
Herbert & Sons Ltd.
Hobart Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
Holroyd Food Machinery Ltd.
Orthos (Engineering) Ltd.
Selo-Bollans Ltd.
Stokes & Dalton
Union Food Machinery & Equipment Ltd.
Wetter, J. C., & Co.

## BOX MAKING MACHINES

Edwards, F. J., Ltd.
Metal Box Co. Ltd.
Peters Packaging Ltd.
Van den Bergh Walkinshaw
Vickers Ltd., Engineering Group

## BOX NAILING MACHINES

Bostitch
Gordian Strapping Ltd.

## BRAKES (CARAMEL)

Bartleet, Norman, Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burgess Eng.
Hart, W. J., & Sons (London) Ltd.
Morton Machine Co. Ltd.
Payne, F. C., & Co.
Robinson, W. S., & Co.
Skerman Group

## BRAKES (DOUGH)

ABR Food Machinery Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Bollans, R. W., & Co. (Equipment) Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burgess Eng. Ltd.
Collins, Thomas, & Co. Ltd.
Crollie, J., & Son Ltd.
Custance, J. C., & Co. Ltd.
Gilbert, G. & R., Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Mason, W. F., Ltd.
Morton Machine Co. Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Reads & Barrons
Record Bakery Equipment
Robertson Bakery Engineering
Robinson, W. S., & Co. Ltd.
Simon-Vicars Ltd.
Skerman Group

## BRAN FINISHERS

Buhler-Miag (England) Ltd.
Robinson, Thomas, & Son Ltd.
Simon, Henry, Ltd.

## BRANDING IRONS

Plura, Paul, & Co. Ltd.
Selo-Bollans Ltd.
Uno Co. Ltd.

## BREAD COOLERS

*See Coolers (Bread)*

## BREADCRUMB DRYERS

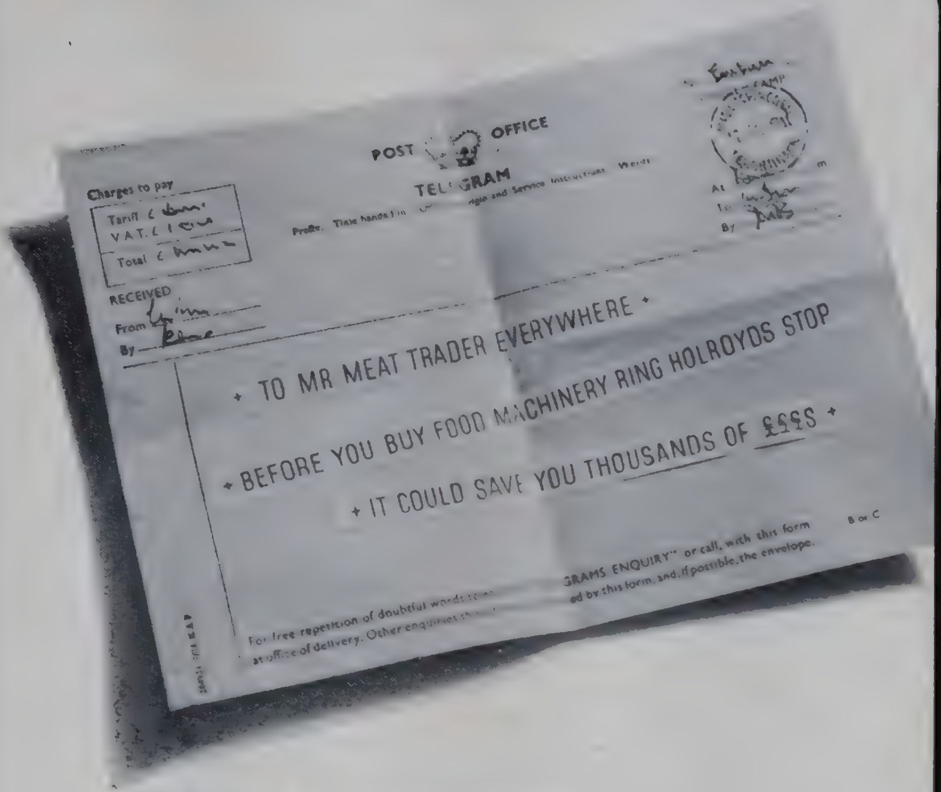
*See Dryers (Breadcrumb)*

## BREAD & ROLL PLANT (AUTOMATIC)

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Collins, Thomas, & Co. Ltd.
Cornwell Products Ltd.
Formost Packaging Machines Ltd.
Gilbert, G. & R., Ltd.
Mono Universal Bakery Machinery
Oddy Ltd.
Payne, F. C., & Co.
Reads & Barrons
Record Bakery Equipment Co. Ltd.
Spooner Food Machinery Eng. Co. Ltd.

## BREAD SLICING MACHINES

*See Slicing Machines (Bread)*



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### BREAD SLICING & WRAPPING MACHINES

*See Slicing & Wrapping Machines (Bread)*

### BREAD WRAPPING MACHINES

*See Wrapping Machines (Bread)*

### BREADCRUMBING MACHINES

Foodtech Ltd.
Gardners of Gloucester
Gilbert, G. & R., Ltd.
Greer, J. W., Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Hobart Manufacturing Co. Ltd.
RHM Ingredient Supplies Ltd.
Record Bakery Equipment Co. Ltd.
Tweedy of Burnley Ltd.
Urschel International Ltd.

### BREAKFAST FOOD PLANT

Alcoa Container Systems (G.B.)
Baker Perkins Ltd.
Bramigk & Co. Ltd.
Gardners of Gloucester
Ivers-Lee (G.B.) Ltd.
Payne, F. C., & Co.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Simon, Henry, Ltd.
Simon, Richard, & Sons Ltd.
Urschel International Ltd.

### BRINE PUMPS

*See Pumps (Brine)*

### BRINE TANKS

*See Tanks (Brine)*

### BRUSHES (BOTTLE)

Barthes-Roberts Ltd.
Cimex Ltd.
Clayton, George S., Ltd.
Dairy Supply Co.
Farrar, James, (Brushes) Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Hiron & Rempler Ltd.
Kleen-e-ze Ltd.

### BRUSHING HEADS

Clayton, George S., Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Hiron & Rempler Ltd.
Kleen-e-ze Ltd.

### BRUSHING MACHINES

Bartleet, Norman, Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Kleen-e-ze Ltd.

### BUCKETS (ALUMINIUM)

Fairfax Engineering Ltd.
Hiron & Rempler Ltd.
RHM Ingredient Supplies Ltd.
Stott, S. S., Ltd.
Union Food Machinery & Equipment Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### BUCKETS (ENAMELLED)

Barthes-Roberts Ltd.
Horwood Catering Equipment Ltd.
Stott, S. S., Ltd.

### BUCKETS (GALVANISED)

Barthes-Roberts Ltd.
RHM Ingredient Supplies Ltd.
Stott, S. S., Ltd.

### BUCKETS (PLASTIC)

Acalor (1948) Ltd.
Albrin Products Ltd.
Barthes-Roberts Ltd.
Dairy Supply Co.
Hart, W. J., & Sons (London) Ltd.
Noviss Plastics Ltd.
Polypenco Ltd.
Prodorite Ltd.

RHM Ingredient Supplies Ltd.
Tanks & Linings Ltd.
WCB Containers Ltd.

## BUCKETS (STAINLESS STEEL)

Alfa-Laval Co. Ltd.
Associated Metal Works (Glasgow) Ltd.
Barthes-Roberts Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Clayton, George S., Ltd.
Coupe, Clifford, Ltd.
Dairy Supply Co.
Fairfax Engineering Ltd.
Foodtech Ltd.
Freeman, Taylor Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Hiron & Rempler Ltd.
Invicta Sheet Metal Co. Ltd.
Metal Centres Ltd.
Perkins Boilers Ltd.
Platt International Ltd.
RHM Ingredient Supplies Ltd.
Ramsden, R., & Son Ltd.
Randall, James H., & Son Ltd.
Skerman Group
Stott, S. S., Ltd.
TRF Pland Ltd.
Union Food Machinery & Equipment Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## BUCKETS (STEEL)

Dairy Supply Co.
Hiron & Rempler Ltd.
Union Food Machinery & Equipment Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## BUCKETS (TINNED)

Dairy Supply Co.
Fairfax Engineering Ltd.
Hiron & Rempler Ltd.
Stott, S. S., Ltd.
Union Food Machinery & Equipment Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## BUN & ROLL DIVIDERS

*See Dividers (Bun & Roll)*

## BUN & ROLL DIVIDERS & MOULDERS

*See Dividers & Moulders (Bun & Roll)*

## BUN & ROLL SLICERS

*See Slicing Machines (Bun & Roll)*

## BUNDLING MACHINES

Baker Perkins Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Engineering Developments (Farnborough) Ltd.
Lerner Machine Co. Ltd.
Lotz Abbott & Co. Ltd.
SIG Swiss Industrial Co.

## BUTTER BLENDING MACHINES

*See Blending Machines (Butter)*

## BUTTER CHURNS

Alfa-Laval Co. Ltd.
Cornwell Products Ltd.
Dairy Supply Co.
Fairfax Engineering Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Llewellin, G., & Son Ltd.
Wright Hargreaves Engineering Co. Ltd.

## BUTTER MAKING EQUIPMENT (Continuous)

Dairy Supply Co.
Engelmann & Buckham Ltd.
Payne, F. C., & Co.
Van den Bergh Walkinshaw
Westfalia Separator Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co.

### BUTTER MOULDING & WEIGHING MACHINES

*See Moulding & Weighing Machines (Butter)*

### BUTTER PATTING MACHINES

Bristol Packaging Machines
Horwood Catering Equipment Ltd.
Medcalfe & Co. (1950) Ltd.
Van den Bergh & Partners Ltd.

### BUTTER SHIVING MACHINES

Foodtech Ltd.
Vickers Ltd., Engineering Group

### BUTTER WRAPPING MACHINES

*See Wrapping Machines (Butter)*

### CAKE MIXERS

*See Mixers (Cake)*

### CAKE WRAPPING MACHINES

*See Wrapping Machines (Cake)*

### CAN CLOSING & SEAMING MACHINES

*See Seaming & Closing Machines (Can)*

### CAN CRUSHERS

Gilbert, G. & R., Ltd.
Gilwrap Ltd.
Hart, W. J., & Sons (London) Ltd.
Metal Box Co. Ltd.
Portable Balers Ltd.
Towel King Group of Companies

### CAN END DRYERS

*See Dryers (Can End)*

### CAN END LINING MACHINES

Bliss, E. W., (England) Ltd.
Grace, W. R., Ltd.
Pearson Panke Ltd.

### CAN FILLING MACHINES

*See Filling Machines (Can)*

### CAN MAKING MACHINES

Bliss, E. W., (England) Ltd.
Edwards, F. J., Ltd.
Machinery Continental Packaging
Metal Box Co. Ltd.
Pearson Panke Ltd.
Rockwell Packaging Machines Ltd.

### CAN OPENERS (INDUSTRIAL)

Duckworth, Cabeb Ltd.
Food Process Installations
Hart, W. J., & Sons (London) Ltd.
Holland, Peter (Food Machinery)
Medcalfe & Co. (1950) Ltd.
Metal Box Co. Ltd.
Norris, D. C., & Co. Ltd.
Van den Bergh & Partners Ltd.

### CAN PACKING MACHINES

Adams Powel Packaging Machinery Ltd.
Arcall Ltd.
Bog Jorgensen Ltd.
Bramigk & Co. Ltd.
British Miller Hydro Co. Ltd.
Convertex Machinery Ltd.
Doboy Ltd.
Engelmann & Buckham Ltd.
Engineering Developments (Farnborough) Ltd.
Food Process Installations
Gimson & Co. (Leicester) Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter (Food Machinery)
Kane, Frederick C., Ltd.
Machinery Continental Packaging Ltd.
Mather & Platt Ltd.
Rockwell Packaging Machines Ltd.
Rose Forgrove Ltd.
Tillotsons (Liverpool) Ltd.
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### CAN REFORMING MACHINES

Metal Box Co. Ltd.

### CAN REJECTOR

Arcall Ltd.
Food Process Installations
Holland, Peter (Food Machinery)

### CAN SIDE SEAM CEMENT APPLICATORS

Grace, W. R., Ltd.
Pneutronic Machine Co. Ltd.

### CAN WASHING MACHINES

*See Washing Machines (Can)*

### CANNING PLANT

Berendsen, S., Ltd.
Beth Label & Wrapper Machines
Bliss, E. W., (England) Ltd.
Bog Jorgensen Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Food Process Installations
Fraser, John, & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter (Food Machinery)
Jahn, F., & Co. Ltd.
Machinery Continental Packaging
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Metal Box Co. Ltd.
Payne, F. C., & Co.
Pearson Panke Ltd.
Premier Filterpress Co. Ltd.
Rockwell Packaging Machines Ltd.
Skerman Group
Trumeter Co. Ltd.
Van den Bergh Walkinshaw

### CAP COMPOUND DRYERS

*See Dryers (Cap Compound)*

### CAP LINING MACHINES

Central Engineering Co. Ltd.
Dico Packaging Engineers Ltd.
Flexile Ltd.
Grace, W. R., Ltd.
Metal Box Co. Ltd.
Newman Labelling Machines Ltd.
Peters Packaging Ltd.

### CAPPING & FILLING

Albro Fillers & Engineering Co.
Anglo Continental Machines Ltd.
Autopack Ltd.
Bancroft Fillers & Appliances Ltd.
Bosch, Robert, Packaging Machinery
Clayton, George S., Ltd.
Dairy Supply Co.
Dico Packaging Engineers Ltd.
Duckworth, Cabeb, Ltd.
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Flexile Ltd.
Fords (Finsbury) Ltd.
Gravfil Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Hunter, Thomas, Ltd.
Metal Box Co. Ltd.
Metal Closures Ltd.
Newman Labelling Machines Ltd.
Perkins Boilers Ltd.
Peters Packaging Ltd.
Pneutronic Machine Co. Ltd.
Premier Filterpress Co. Ltd.
Purdy Machinery Co. Ltd.
Rockwell Pneumatic Scale Ltd.
Selo-Bollans Ltd.
Skerman Group
U. D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Vickers Ltd. Engineering Group
Dairy Supply Co.
Wicanders (Gt. Britain) Ltd.
Willis Europlant Ltd.

### CAPPING MACHINES (MILK BOTTLE)

Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Dairy Supply Co.
Fords (Finsbury) Ltd.
Hamilton, James & Sons

U. D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Wicanders (Gt. Britain) Ltd

### CAPPING & FILLING MACHINES (MILK BOTTLE)

Clayton, George S., Ltd.
Dairy Supply Co.
Engelmann & Buckham Ltd.
Hamilton, James, & Sons
Hiron & Rempler Ltd.
U. D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Wicanders (Gt. Britain) Ltd.

### CAPSULING MACHINES

Barthes-Roberts Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carlson-Ford Ltd.
Clayton, George S., Ltd.
Doboy Ltd.
Erben, H., Ltd.
Fords (Finsbury) Ltd.
Gravfil Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Ideal Capsules Ltd.
Purdy Machinery Co. Ltd.
Van den Bergh Walkinshaw

### CARAMEL BRAKES

*See Brakes (Caramel)*

### CARAMEL CUTTERS

*See Cutters (Caramel)*

### CARAMEL MIXERS

*See Mixers (Caramel)*

### CARBONATING EQUIPMENT

A.P.V. Co. Ltd.
Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Meyer Dumore Int. Ltd.
Mojonnier Bros. Co.
Vickers Ltd., Engineering Group
Willis Europlant Ltd.

### CARTON BLANK LINING & WRAPPING MACHINES

Austin Packaging Group Ltd.
Lerner Machine Co. Ltd.
Willis Europlant Ltd.

### CARTON & BOX WIRE STITCHING MACHINES

Bostitch
Edlon Machinery Ltd.
Gerrard Industries Ltd.
Lotz Abbott & Co. Ltd.
Vickers Ltd., Engineering Group

### CARTON CLOSING & SEALING MACHINES

ABR Food Machinery Co. Ltd.
Adams Powel Packaging Machinery Ltd.
Austin Packaging Group Ltd.
Bosch, Robert, Packaging Machinery
Bostitch
Cornwell Products Ltd.
Doboy Ltd.
Erben, H., Ltd.
Europack Eng. Co. Ltd.
Gordian Strapping Ltd
Gosheron, John, & Co. Ltd.
Graham-Enock Manufacturing
Hart, W. J., & Sons (London) Ltd
Holland, Peter (Food Machinery)
Intertherm Ltd.
Jahn (Maskiner) Ltd.
Kane, Frederick C., Ltd.
Lotz Abbott & Co. Ltd.
Machinery Continental Packaging Ltd.
Mather & Platt Ltd.
Metal Box Co. Ltd.
Nopi Ltd.
Pacunion Ltd.
Peters Packaging Ltd.
Pneutronic Machine Co. Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Smith & Nephew Ltd.
Taylor, C. F., (Unity Designs) Ltd.
Taylowe Ltd.
Tillotsons (Liverpool) Ltd.

Van den Bergh & Partners Ltd.
Vickers Ltd., Engineering Group
Whitehall Machinery Ltd.
Wicanders (Gt. Britain) Ltd.
Willis Europlant Ltd.
Wix of London Ltd.

### CARTON FORMING MACHINES

Austin Packaging Group Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Emhart (U.K.) Ltd.
Engelmann & Buckham Ltd.
Erben, H., Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Maskiner) Ltd.
Kane, Frederick C., Ltd.
Lotz Abbott & Co. Ltd.
Machinery Continental Packaging Ltd.
Metal Box Co. Ltd.
Pacunion Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Soag Machinery Ltd.
Tillotsons (Liverpool) Ltd.
Van den Bergh & Partners Ltd.
Vickers Ltd., Engineering Group
Whitehall Machinery Ltd.
Willis Europlant Ltd.
Wix of London Ltd.

### CARTON MAKING MACHINES

Cornwell Products Ltd.
Edlon Machinery Ltd.
Jahn (Maskiner) Ltd.
Lotz Abbott & Co. Ltd.
Pacunion Ltd.
Soag Machinery Ltd.
Van den Bergh & Partners Ltd.
Vickers Ltd., Engineering Group
Willis Europlant Ltd.

### CARTON SET-UP MACHINES

Austin Packaging Group Ltd.
Bosch, Robert, Packaging Machinery
Cornwell Products Ltd.
Emhart (U.K.) Ltd.
Jahn (Maskiner) Ltd.
Lotz Abbott & Co. Ltd.
Machinery Continental Packaging Ltd.
Pacunion Ltd.
Peters Packaging Co. Ltd.
Pneutronic Machine Co. Ltd.
Van den Bergh & Partners Ltd.
Willis Europlant Ltd.

### CARTON TICKET TAG OVER-PRINTING MACHINES

*See Over-Printing Machines*

### CARTON WRAPPING MACHINES

*See Wrapping Machines* (*Carton*)

### CARTONING MACHINES

Anglo Continental Machines Ltd.
Austin Packaging Group Ltd.
Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Bristol Packaging Machines
Carrington Packaging Ltd.
Cornwell Products Ltd.
Emhart (U.K.) Ltd.
Erben, H., Ltd.
Europack Eng. Co. Ltd.
Gimson & Co. (Leicester) Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Intertherm Ltd.
Jahn (Maskiner) Ltd.
Kane, Frederick C., Ltd.
Mather & Platt Ltd.
Pacunion Ltd.
Peters Packaging Ltd
Pneutronic Machine Co. Ltd.
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd.
Rose Forgrove Ltd.
Sapal Ltd.
SIG Swiss Industrial Co.
Taylor, C. F., (Unity Designs) Ltd.

Van den Bergh & Partners Ltd.
Willis Europlant Ltd.
Wix of London Ltd.

### CASE & CRATE ELEVATORS

*See Elevators (Case & Crate)*

### CASE & CRATE WASHING MACHINES

*See Washing Machines (Case & Crate)*

### CASE ERECTING EQUIPMENT

Bosch, Robert, Packaging Machinery
Doboy Ltd.
Kane, Frederick C., Ltd.
Machinery Continental Packaging
Mather & Platt Ltd.
Van den Bergh Walkinshaw
Willis Europlant Ltd.

### CASE PACKING MACHINES

Adams Powel Packaging Machinery Ltd.
Arcall Ltd.
Bog Jorgensen Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
British Miller Hydro Co. Ltd.
Convertex Machinery Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Erben, H., Ltd.
FMC Corporation (U.K.) Ltd.
Gordian Strapping Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter (Food Machinery)
Jahn (Maskiner) Ltd.
Kane, Frederick C., Ltd.
Machinery Continental Packaging
Mather & Platt Ltd.
Metal Box Co. Ltd.
Meyer Dumore Int. Ltd.
Petzold, Henry, & Co.
Pontifex, H., & Sons Ltd.
Rockwell Packaging Machines Ltd.
Sapal Ltd.
Simon, Henry, Ltd.
Taylor, C. F., (Unity Designs) Ltd.
Taylowe Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Willis Europlant Ltd.
Wix of London Ltd.

### CASE SEALING MACHINES

Adams Powel Packaging Machinery Ltd.
Bostitch
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Erben, H., Ltd.
FMC Corporation (U.K.) Ltd.
Gerrard Industries Ltd.
Gordian Strapping Ltd.
Gosheron, John, & Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter (Food Machinery)
Jahn (Maskiner) Ltd.
Kane, Frederick C., Ltd.
Machinery Continental Packaging
Mather & Platt Ltd.
Power, Fredk. A., & Sons Ltd.
Rockwell Packaging Machines Ltd.
Simon, Henry, Ltd.
Taylowe Ltd.
Van den Bergh Walkinshaw
Vickers Ltd., Engineering Group
Willis Europlant Ltd.
Wix of London Ltd.

### CASEIN PLANT

Boulton, William, Ltd.
Cornwell Products Ltd.
M. & M. Process Equipment Ltd.
Pennwalt Ltd.
Robinson, Thomas, & Son Ltd.
Urschel International Ltd.
Van den Bergh & Partners Ltd.
Wright Hargreaves Eng. Co.

### CASK WASHING MACHINES

*See Washing Machines (Cask)*

### CENTRE FILLERS
Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
Hansel, Otto, Machinery, Ltd.
Hart, W. J., & Sons (London) Ltd.
Robinson, W. S., & Co. Ltd.

### CENTRIFUGES
Bramigk & Co. Ltd.
Pennwalt Ltd.
Robinson, W. S., & Co. Ltd.

### CENTRIFUGES (DRYING & SEPARATING)
Broadbent, Thomas, & Sons Ltd.
Clarke Chapman Ltd., Int. Combustion Div.
Pennwalt Ltd.
Rockwell Packaging Machines Ltd.

### CENTRIFUGES (SEPARATING)
Albrin Products Ltd.
Alfa-Laval Co. Ltd.
Bramigk & Co. Ltd.
Broadbent, Thomas, & Sons Ltd.
Hart, W. J., & Sons (London) Ltd.
Iwel Engineering Ltd.
Liquid-Solid Separations Ltd.
Pennwalt Ltd.
Selo-Bollans Ltd.
Westfalia Separator Ltd.
Wright Hargreaves Eng. Co.

### CHAINS (ELEVATOR & CONVEYOR)
Bennett Swiftline Ltd.
Buhler-Miag (England) Ltd.
F. & C. Engineering Works Ltd.
Food Process Installations
Hunter, G., (London) Ltd.
Iwel Engineering Ltd.
Overstall & Sons Ltd.
Redler Conveyors Ltd.
Renold Ltd.
Selo-Bollans Ltd.
Stewart Gill & Co. Ltd.
Wright Hargreaves Eng. Co. Ltd.

### CHECKWEIGHERS
Arenco-Alite Ltd.
Autopack Ltd.
Autoscale Checking Systems Ltd.
Berkel Auto-Scale Co. Ltd.
Bosch, Robert, Packaging Machinery
Davy Instruments Ltd.
Driver Southall Ltd.
Goring Kerr Ltd.
Herbert & Sons Ltd.
Howe Richardson Scale Co. Ltd.
Hunting Electrocontrols Ltd
Jahn-Maskiner Ltd.
Loma Engineering Ltd.
Novotechnics Ltd.
Rockwell Pneumatic Scale Ltd.
SIG Swiss Industrial Co.
Simon, Richard, & Sons Ltd.
Telomex (Horsham) Ltd.
Vandome & Hart Ltd.
Varley-FMC Ltd.
Weighpack Ltd.
Wright Machinery Co. Ltd.

### CHEESE CUTTERS
*See Cutters (Cheese)*

### CHEESE HOOPS & MOULDS
*See Moulds & Hoops (Cheese)*

### CHEESE PRESSES
*See Presses (Cheese)*

### CHEESE RACKS
*See Racks (Cheese)*

### CHEESE TURNING RACKS
*See Racks (Cheese Turning)*

### CHEESE VATS
*See Vats (Cheese)*

### CHEWING GUM PLANT
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.

Brierley, Collier &
Hartley Equipment Ltd.
Hart, W. J., & Sons (London) Ltd.
Payne, F. C., & Co.
Robinson, W. S., & Co.
Rose Forgrove Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

**CHILLING TUNNELS (INERT GAS)**

Jahn (Huntingdon) Ltd.

**CHLORINATION PLANT**

Capital Controls
Metering Pumps Ltd.
Payne, F. C., & Co.
Plenty & Son Ltd.
Portacel Ltd.
Serck Water Processing
Wallace & Tiernan Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

**CHOCOLATE CENTRE FILLING MACHINES**

*See Filling Machines* (*Chocolate Centre*)

**CHOCOLATE CENTRE MOULDS**

*See Moulds* (*Chocolate Centre*)

**CHOCOLATE CENTRIFUGES**

*See Centrifuges* (*Chocolate*)

**CHOCOLATE COIN MACHINES**

Cornwell Products Ltd.
Hart, W. J. & Sons (London) Ltd.
Robinson, W. S., & Co.
Van den Bergh Walkinshaw

**CHOCOLATE CONCHES**

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Emmerich (London) Ltd.
Hart, W. J., & Sons, (London) Ltd.
Lang-London-Ltd.
Low & Duff (Engineers) Ltd.
Robinson, W. S., & Co.
Tourell (Sales) Ltd.

**CHOCOLATE COOLERS**

*See Coolers* (*Chocolate*)

**CHOCOLATE DEPOSITORS**

*See Depositors* (*Chocolate*)

**CHOCOLATE DIPPERS**

Bartleet, Norman, Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Record Bakery Equipment Co. Ltd.
Robinson, W. S., & Co.
Vanmar Products Ltd.

**CHOCOLATE DROP PLANT**

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Pastillators Ltd.
Payne, F. C., & Co.
Robinson, W. S., & Co. Ltd.

**CHOCOLATE EGG SPINNING MACHINES**

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Robinson, W. S., & Co.
Van den Bergh & Partners Ltd.

**CHOCOLATE ENROBERS**

*See Enrobers*

### CHOCOLATE FEED SYSTEMS

Ajax Equipment (Bolton) Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Bran & Luebbe (Great Britain) Ltd.
Greer, J. W., Co. Ltd.
Hansel, Otto, Machinery Ltd.
Jahn (Huntingdon) Ltd.
Plenty & Son Ltd.
Sandvik U.K Ltd.

### CHOCOLATE FILTERS

*See Filters (Chocolate)*

### CHOCOLATE KETTLES

*See Kettles (Chocolate)*

### CHOCOLATE MELANGEURS

BDR Machines (Kellie Div.)
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Hart, W. J., & Sons (London) Ltd.
Robinson, W. S., & Co.

### CHOCOLATE MELTERS

BDR Machines (Kellie Div.)
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Giusti, T., & Sons Ltd.
Greer, J. W., Co. Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Manor Engineering Co. Ltd.
Morton, Robert, DG Ltd.
Record Bakery Equipment Co. Ltd
Robinson, W. S., & Co.
Tourell (Sales) Ltd.
Vanmar Products Ltd.
Walter Denis Contacts Co. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### CHOCOLATE MELTING & DIPPING PANS

*See Pans (Chocolate) (Melting & Dipping)*

### CHOCOLATE MIXERS

*See Mixers (Chocolate)*

### CHOCOLATE MOULD WASHING MACHINES

*See Washing Machines (Chocolate Mould)*

### CHOCOLATE MOULDING PLANT

*See Moulding Plant (Chocolate)*

### CHOCOLATE MOULDS

*See Moulds (Chocolate)*

### CHOCOLATE PUMPS

*See Pumps (Chocolate)*

### CHOCOLATE REFINERS

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
Cornwell Products Ltd.
Cox's Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
M. & M. Process Equipment Ltd.
Manor Engineering Co. Ltd.
Robinson, W. S., & Co.

### CHOCOLATE SHAVING MACHINES

Baker Perkins Ltd.
Bramigk & Co. Ltd.
Brierley, Wm., Collier &
  Hartley Equipment Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Robinson, W. G. & Co.

### CHOCOLATE SPRAYING MACHINES

Arcall Ltd.

### CHOCOLATE STRAINERS
Airpel Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Kek Ltd.
Plenty & Son Ltd.
Russell Finex Ltd.

### CHOCOLATE TAPPING TABLES
*See Tables (Chocolate Tapping)*

### CHOCOLATE TEMPERING MACHINES
BDR Machines (Kellie Div.)
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Greer, J. W., Co. Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Johnson, A., & Co. (London) Ltd.
Manor Engineering Co. Ltd.
Robinson, W. S., & Co.
Walter Denis Contacts Co. Ltd.

### CHOCOLATE TEMPERING MACHINES (AUTOMATIC)
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Greer, J. W., Co. Ltd.
Hansel, Otto, Machinery Ltd.
Jahn (Huntingdon) Ltd.
Johnson, A., & Co. (London) Ltd.
Manor Engineering Co. Ltd.
Payne, F. C., & Co.
Robinson, W. S., & Co.
Van den Bergh Walkinshaw
Walter Denis Contacts Co. Ltd.

### CHOCOLATE VERMICELLI MACHINES
Cornwell Products Ltd.
Hansel, Otto, Machinery Ltd.
Robinson, W. S., & Co. Ltd.
Skerman Group

### CHOCOLATE WEIGHING & DEPOSITING MACHINES
*See Weighing Machines (Chocolate)*

### CHOCOLATE WRAPPING MACHINES
*See Wrapping Machines (Chocolate)*

### CHOPPING MACHINES (FRUIT & VEGETABLE)
ABR Food Machinery Co. Ltd.
Apex Construction Ltd.
Berendsen, S., Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Crypto-Peerless Ltd.
Foodtech Ltd.
Hart, W. J., & Sons (London) Ltd.
Hobart Manufacturing Co. Ltd.
M. & M. Process Equipment Ltd.
Manex & Co.
Orthos (Engineering) Ltd.
Tweedy of Burnley Ltd.
Ultra Rapid Machines (Scotland)
  Ltd.
Union Food Machinery &
  Equipment Ltd.
Urschel International Ltd.
Van den Bergh & Partners Ltd.
Wetter, J. C., & Co.

### CHRISTMAS PUDDING WRAPPING MACHINES
*See Wrapping Machines (Christmas Pudding)*

### CHURN TIPPERS
Dairy Supply Co.
Flower Faraday Ltd.
Slingsby, H. C., Ltd.
Wright Hargreaves Eng. Co. Ltd.

### CHURN WASHERS
*See Washing Machines (Churn)*

### CHURNS (MILK)
Associated Crates Ltd
Associated Metal Works (Glasgow)
Dairy Supply Co.

Hiron & Rempler Ltd.
TRF Pland Ltd.
WCB Containers Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Wincanton Transport & Engineering Co. Ltd.
Wright Hargreaves Eng. Co.

### CHUTES (SPIRAL)

Butterley Engineering Co. Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Hunter, G., (London) Ltd.
Marryat Handling Ltd.
Simon, Henry, Ltd.
Sovex Marshall Ltd
Welch, J. A., (Plant & Vessel) Ltd.

### CITRUS FRUIT CUTTING & SCOOPING MACHINES

Brierley, Collier & Hartley Equipment Ltd.
Hart, W. J., & Sons (London) Ltd.
Revel Controls Ltd.
Van den Bergh Walkinshaw

### CITRUS FRUIT PEEL CHIPPING MACHINES

Apex Construction Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter (Food Machinery)
Manex & Co.
Revel Controls Ltd.
Skerman Group
Urschel International Ltd.

### CITRUS FRUIT SHREDDERS & SLICERS

Balfour, Henry, & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter (Food Machinery)
M. & M. Process Equipment Ltd.
Manex & Co.
Orthos (Engineering) Ltd.
Revel Controls Ltd.
Urschel International Ltd.

### CLARIFIERS (CENTRIFUGAL)

Alfa-Laval Co. Ltd.
Broadbent, Thomas, & Sons Ltd.
Dairy Supply Co.
Pennwalt Ltd.
Selo-Bollans Ltd.
Vickers Ltd., Engineering Group
Westfalia Separator Ltd.

### CLEANERS (TANK) Mechanical

A. P. V. Co. Ltd.
C. P. Equipment Ltd.
Wright Hargreaves Eng. Co. Ltd.

### CLEANING MACHINES (BARLEY)

Boulton, William, Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
FMC Corporation (U.K.) Ltd.
Robinson, Thomas, & Son Ltd
Simon Handling Engineers Ltd.
Simon, Henry, Ltd.

### CLEANING MACHINES (COCOA BEAN)

Bramigk & Co. Ltd.
Bartleet, Norman, Ltd.
Boulton, William, Ltd.
Buhler-Miag (England) Ltd.
Cornwell Products Ltd.
Jahn, F., & Co.
Robinson, W. S., & Co.

### CLEANING MACHINES (FRUIT)

Acme Conveyors & Construction
Baker Perkins Ltd.
Bog Jorgensen Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burgess Eng. Ltd.
Clayton, George S., Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Johnson, Fred, (Machinery) Ltd.
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.

Novotechnics Ltd.
Pelkman, John, Eng. Co.
Vickers-Dawson

### CLEANING MACHINES (GRAIN)

Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Grant, Lewis C., Ltd.
Manex & Co.
Mather & Platt Ltd.
Robinson, Thomas, & Son Ltd.
Simon Handling Engineers Ltd.
Simon, Henry, Ltd.

### CLEANING MACHINES (JAR)

**air**
Europack Eng. Co. Ltd.
Gardners of Gloucester

### CLOSING & LIDDING MACHINES

Alcan Ekco Ltd.
Autopack Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Convertex Machinery Ltd.
Dico Packaging Engineers Ltd.
FMC Corporation (U.K.) Ltd.
Foodtech Ltd.
Hunter, Thomas, Ltd.
Jackson, J. G., & Crockatt Ltd.
Johnson, Fred, (Machinery) Ltd.
Metal Box Co. Ltd.
Peters Packaging Ltd.
Pneutronic Machine Co. Ltd.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Steetley Co. Ltd.
Taylowe Ltd.
Vickers Ltd. Engineering Group
Wicanders (Gt. Britain) Ltd.

### CLOSING MACHINES (BAG)

*See Bag Closing Machines*

### CLOSING MACHINES (COLLAPSIBLE TUBE)

*See Collapsible Tube Closing Machines*

### COATING MACHINES

Apex Construction Ltd.
Arcall Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Blundell & Crompton Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
Foodtech Ltd.
Greer, J. W., Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Metal Box Co. Ltd.
Mono Universal Bakery Machinery
Robinson, W. S., & Co.
Skerman Group
Steetley Co. Ltd.
Walter Denis Contacts Co. Ltd.

### COCOA BEAN CLEANERS

*See Cleaning Machines (Cocoa Bean)*

### COCOA BEAN HANDLING PLANT

*See Handling Plant (Cocoa Bean)*

### COCOA BEAN PLANT

Ataroth Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Cornwell Products Ltd.
Newell Dunford Engineering Ltd.
Payne, F. C., & Co.
Plenty & Son Ltd.
Robinson, W. S., & Co.
Telcon-Process

### COCOA BEAN ROASTERS

*See Roasters (Cocoa Bean)*

### COCOA BUTTER PRESSES

*See Presses (Cocoa Butter)*

### COCOA CAKE BREAKERS

Balfour Henry, & Co. Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Robinson, W. S., & Co.

### COCOA & CHOCOLATE GRINDING MACHINES

*See Grinding Machines (Cocoa & Chocolate)*

### COCOA LIQUOR TANKS

*See Tanks (Cocoa Liquor)*

### COCOA NIB EXPELLERS

Bramigk & Co. Ltd.
Shaw, A. J., Co.
Simon-Rosedowns Ltd.

### COCOA NIB GRINDING MACHINES

*See Grinding Machines (Cocoa Nib)*

### COCOA NIB ROASTERS

*See Roasters (Cocoa Nib)*

### COCOA POWDER DRESSERS

Bramigk & Co. Ltd.
British Rema Manufacturing
Cornwell Products Ltd.
Kek Ltd.
Robinson, W. S., & Co.
Russell Finex Ltd.

### COCONUT DESICATING MACHINERY

Tyneside Engineering Ltd.

### COCONUT FONDANT PLANT

Ataroth Ltd.
Confectionery Developments Ltd.
Hansel, Otto, Machinery Ltd.
Telcon-Process
Urschel International Ltd.

### CODING EQUIPMENT (BAG, FILM & FOIL)

Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Bristol Packaging Machines
Coombs, H. A., Ltd.
Doboy Ltd.
Europack Eng. Co. Ltd.
Milford-Astor Ltd.
Wright Machinery Co.

### CODING EQUIPMENT (CAN)

Arenco-Alite Ltd.
Barry-Wehmiller Ltd.
Berendsen, S., Ltd.
Bramigk & Co. Ltd.
Carlson-Ford Ltd.
Europack Eng. Co. Ltd.
Foodtech Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter (Food Machinery) Ltd.
Jahn, F., & Co. Ltd.
Mark-O-Print Ltd.
Plura, Paul, & Co. Ltd.
Pryor, Edward, & Son Ltd.
Rampart Inks Ltd.
Selo-Bollans Ltd.
Van den Bergh & Partners Ltd.

### CODING MACHINES (CAP)

Berendsen, S., Ltd.
Bramigk & Co. Ltd.
Europack Eng. Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Mark-O-Print Ltd.
Plura, Paul, & Co. Ltd.
Rampart Inks Ltd.
Van den Bergh & Partners Ltd.

### CODING MACHINES (LABEL)

Anglo Continental Machines Ltd.
Barthes-Roberts Ltd.
Bosch, Robert, Packaging Machinery
Doboy Ltd.
Europack Eng. Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Milford-Astor Ltd.
Norprint Ltd.
Peters Packaging Ltd.
Pitney-Bowes Ltd.
Plura, Paul, & Co. Ltd.
Purdy Machinery Co. Ltd.
Sauven Marking Machine Co.
Sloper, J., & Co. Ltd.
Wix of London Ltd.

### CODING MACHINES (PRINTING) can

Europack Eng. Co. Ltd.
Hayes, R. J., (Machinery) Ltd.
Pryor, Edward, & Son Ltd.
Rampart Inks Ltd.
Rejafix Ltd.

### CODING

*See also Overprinting Machines*

### COFFEE ESSENCE PLANT

Apex Construction Ltd.
Cornwell Products Ltd.
Giusti, T., & Son Ltd.
Johnson, A., & Co. (London) Ltd.
Payne, F. C., & Co.
Pennwalt Ltd.
Plenty & Son Ltd.
Shaw. A. J., Co.

### COFFEE GRINDING MILLS

*See Mills* (*Coffee*)

### COFFEE POWDER PACKAGING MACHINES

*See Packaging Machines* (*Coffee Powder*)

### COFFEE POWDER PLANT

Acme Conveyors & Construction Ltd.
Alcoa Container Systems (G.B.)
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Payne, F. C., & Co.
Pennwalt Ltd.
Plenty & Son Ltd.
Telcon-Process
Urschel International Ltd.
Van den Bergh Walkinshaw

### COFFEE ROASTERS

*See Roasters* (*Coffee*)

### COLD PLATES

Bartleet, Norman, Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Robinson, W. S., & Co. Ltd.

### COLD ROOMS & STORES

Alfred & Co. Ltd.
Berendsen, S., Ltd.
Boc-Linde Refrigeration Ltd.
Clarke-Built (Williams) Ltd.
Coolmota Ltd.
Douglas-Rownson Ltd.
Frigoscandia Ltd.
Grenco Eng. & Contracting Ltd.
HTI Engineering
Lightfoot Refrigeration Co. Ltd.
Minikay Ltd.
Prestcold Ltd.
Smith & Partners Ltd.
Udec Refrigeration Ltd.
Vickers-Dawson
York Division of Borg-Warner Ltd.

### COLLAPSIBLE TUBE CLOSING MACHINES

Anglo Continental Machines Ltd.
Arenco-Alite Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Filling Machines Ltd.
Flexile Ltd.
Ideal Packagings Ltd.
Pacunion Ltd.
Roberts Filling Machines
Steetley Co. Ltd.

### COMPRESSORS (AIR)

Associated Electrical Industries
B.V.C. Ltd.
Compair Industrial Ltd.
DawsonMcDonald & Dawson
Edwards High Vacuum
Filling Machines Ltd.
Holmes, W. C., & Co. Ltd.
Hydrovane Compressor Co. Ltd
ITT Fluid Handling Ltd.
Lacy-Hulbert & Co. Ltd.
Miracle Sprayers (Distributors)
Worthington-Simpson, Ltd.

### COMPRESSORS (AIR) oil free

B.V.C. Ltd.
Compair Industrial Ltd.
Dawson McDonald & Dawson Ltd.
Holmes, W. C., & Co. Ltd.
ITT Fluid Handling Ltd.
Lacy-Hulbert & Co. Ltd.
Northey Rotary Compressors Ltd.
Ryaland Pumps Ltd.
Willis Europlant Ltd.
Worthington-Simpson Ltd.

### CONCHES

*See Chocolate Conches*

### CONDENSED MILK FILLING MACHINES

*See Filling Machines (Condensed Milk)*

### CONDENSERS

Alfred & Co. Ltd.
A.P.V. Co. Ltd.
Apex Construction Ltd.
Asme Vessels Ltd.
Biddle, F. H., Ltd.
Blairs Ltd.
Burnett & Rolfe Ltd.
Clarke Chapman Ltd.
Freeman, Taylor Ltd
Giusti, T., & Son Ltd.
Holden & Brooke Ltd.
Innes, J. K., & Co. Ltd.
Jenkins, Robert, & Co. Ltd.
**Johnson, A., & Co. (London) Ltd.**
Lightfoot Refrigeration Co. Ltd.
Luwa (U.K.) Ltd.
Maitlands (Metal Works) Ltd.
Mason & Morton Ltd.
Mojonnier Bros. Co.
Morton, Robert, DG Ltd.
Pontifex, H., & Sons Ltd.
Prestcold Ltd.
SSV Ltd.
TRF Pland Ltd.
Van den Bergh & Partners Ltd.
Vanmar Products Ltd.
Vickers Ltd., Engineering Group
Welch, J. A., (Plant & Vessel) Ltd.
Worthington-Simpson Ltd.

### CONE BISCUIT MACHINES (ICE CREAM)

*See Ice Cream Cone Biscuit Machines*

### CONFECTIONERY COOLERS

*See Coolers (Confectionery)*

### CONFECTIONERY DEPOSITORS

*See Depositors (Confectionery)*

### CONFECTIONERY OVENS

*See Ovens (Confectionery)*

### CONTROL METERS

Dresser Europe, S. A.
Foxboro-Yoxall Ltd.

### CONVEYOR SYSTEMS

ABR Food Machinery Co. Ltd.
Acme Conveyors & Construction
Ascoli Ltd.
Baker Perkins Ltd.
Bancroft Fillers & Appliances Ltd.
Barker, Thomas of Manchester
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Blands International Packaging
Buhler-Miag (England) Ltd.
Burgess Eng. Ltd.
Callow Engineering Ltd.
Canterbury Conveyors Ltd.
Clayton, George S., Ltd.
Collis Mechanical Handling Ltd.
Coolmota Ltd.
Davies, Pritchard & Richmond
Dexion Group of Companies
Dodman Engineering Ltd.
Driver Southall Ltd.
Edmonds, P. J., Ltd.
Europack Eng. Co. Ltd.
Fairest, Morgan, Ltd.
Food Process Installations

Goring Kerr Ltd.
Gough & Co. (Hanley) Ltd.
Greer, J. W., Co. Ltd.
Handy Angle
Helifit Engineering Ltd.
Hill, Thomas, Eng. Co. (Hull) Ltd.
Johnson, Fred, (Machinery) Ltd.
Jonge Poerink (UK) Ltd.
King, Geo. W., Ltd.
Ling Systems Ltd.
Loma Engineering Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Metal Box Co. Ltd.
Metromethods Ltd.
Mucon Eng. Co. Ltd.
Normanton Engineers Ltd.
Norris, D. C., & Co. Ltd.
North Acton Conveyor & Elevator
Novotechnics Ltd.
Numec Ltd.
Overstall & Sons Ltd.
Pantin, W. & C., Ltd.
Power Lifts Ltd.
Rank Pullin Controls
Rapmac Ltd.
Redler Conveyors Ltd.
Redman Fisher Eng. Ltd.
Sapal Ltd.
Selo-Bollans Ltd.
Simon-Barron Ltd.
Simon-Vicars Ltd.
Stewart Gill & Co. Ltd.
Tweedy of Burnley Ltd.
Uesco Ltd.
Wilmat Handling Co. Ltd.
Wright Hargreaves Eng. Co. Ltd.

## CONVEYORS (AIR ACTIVATED)

Ascoli Ltd.
Baker Perkins Ltd.
Bivac Air Co. Ltd.
Buhler-Miag (England) Ltd.
Canterbury Conveyors Ltd.
Carter Thermal Industries
Davies, Pritchard & Richmond Ltd.
Dexion Group of Companies
King, Geo. W., Ltd.
Leader, Denis, Ltd.
Ling Systems Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Simon, Henry, Ltd.
Sturtevant Engineering Co. Ltd.
Willis Europlant Ltd.

## CONVEYORS (BELT)

ABR Food Machinery Co. Ltd.
Acme Conveyors & Construction
Ajax Equipment (Bolton) Ltd.
Albro Fillers & Engineering
Angel Truck Co. Ltd.
Arcall Ltd.
Ascoli Ltd.
Automated Packaging Systems
Baker Perkins Ltd.
Baldock & Pearce Ltd.
Bancroft Fillers & Appliances Ltd.
Bartleet, Norman, Ltd.
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Biro Food Machinery Ltd.
Bland International Packaging
Bog Jorgensen Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Butterley Engineering Co. Ltd.
Canterbury Conveyors Ltd.
Carrington Packaging Ltd.
Clarke Chapman Ltd., Int. Combustion Div.
Collins, Thomas, & Co. Ltd.
Collis Mechanical Handling Ltd.
Davies, Pritchard & Richmond
Dexion Group of Companies
Dico Packaging Engineers Ltd.
Doboy Ltd.
Douglas-Rownson Ltd.
Edmonds, P. J., Ltd.
Engineering Developments (Farnborough) Ltd.
Filling Machines Ltd.
Fourways (Engineers) Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Gardners of Gloucester
Gilbert, G. & R., Ltd.

Goodyear Tyre & Rubber Co. (Great Britain) Ltd.
Goring Kerr Ltd.
Gough & Co. (Hanley) Ltd.
Gravfil Machines Ltd.
Guylew Manufacturing Co. Ltd.
Habasit (Gt Britain) Ltd.
Helifit Engineering Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Hiron & Rempler Ltd.
Holland, Peter (Food Machinery)
Hunter, G., (London) Ltd.
Iwel Engineering Ltd.
Jackson, J. G., & Crockatt Ltd.
Jenkins of Retford Ltd.
Jonge Poerink Ltd.
Lane, George, & Sons Ltd.
Ling Systems Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Mason, W. F., Ltd.
Mather & Platt Ltd.
Metal Box Co. Ltd.
Metromethods Ltd.
Mulcott Belting Co. Ltd.
Normanton Engineers Ltd.
Norris, D. C., & Co. Ltd.
North Acton Conveyor & Elevator
Novotechnics Ltd.
Numec Ltd.
Omic Ltd.
Orthos (Engineering) Ltd.
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Pegson Ltd.
Peters Packaging Ltd.
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Rank Pullin Controls
Rapmac Ltd.
Redman Fisher Eng. Ltd.
Reed Darnley Taylor Ltd.
Roberts Filling Machines
Sandvik Conveyors Ltd.
Selo-Bollans Ltd.
Simon Handling Engineers Ltd.
Simon, Henry, Ltd.
Simon-Vicars Ltd.
Sovex Marshall Ltd.
Stewart Gill & Co. Ltd.
Stott, S. S., Ltd.
Telomex (Horsham) Ltd.
Tweedy of Burnley Ltd.
Uesco Ltd.
Vanmar Products Ltd.
Walter Denis Contacts Co. Ltd.
Williams, Fairclough & Co. Ltd.
Willis Europlant Ltd.
Wilmat Handling Co. Ltd.
Wright Hargreaves Eng. Co. Ltd.
Wright Machinery Co. Ltd.

**CONVEYORS (BOTTLE)**

Adams Powel Packaging Machinery Ltd.
Albro Fillers & Engineering Co.
Angel Truck Co. Ltd.
Bagshawe & Co. Ltd.
Bancroft Fillers & Appliances Ltd.
Barry-Wehmiller Ltd.
Beam Engineering Products Ltd.
Bennett Swiftline Ltd.
Bramigk & Co. Ltd.
British Miller Hydro Co. Ltd.
Canterbury Conveyors Ltd.
Clayton, George S., Ltd.
Collis Mechanical Handling Ltd.
Dairy Supply Co.
Davies, Pritchard & Richmond Ltd
Dico Packaging Engineers Ltd.
Eagles, William, Ltd.
Emhart (U.K.) Ltd.
F. & C. Engineering Works Ltd.
FMC Corporation (U.K.) Ltd.
Fairest, Morgan, Ltd.
Food Process Installations
Gimson & Co. (Leicester) Ltd.
Gravfil Machines Ltd.
Helifit Engineering Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Hiron & Rempler Ltd.
Jonge Poerink (UK) Ltd.
Leader, Denis, Ltd.
Ling Systems Ltd.
Marryat Handling Ltd.
Mather & Platt Ltd.
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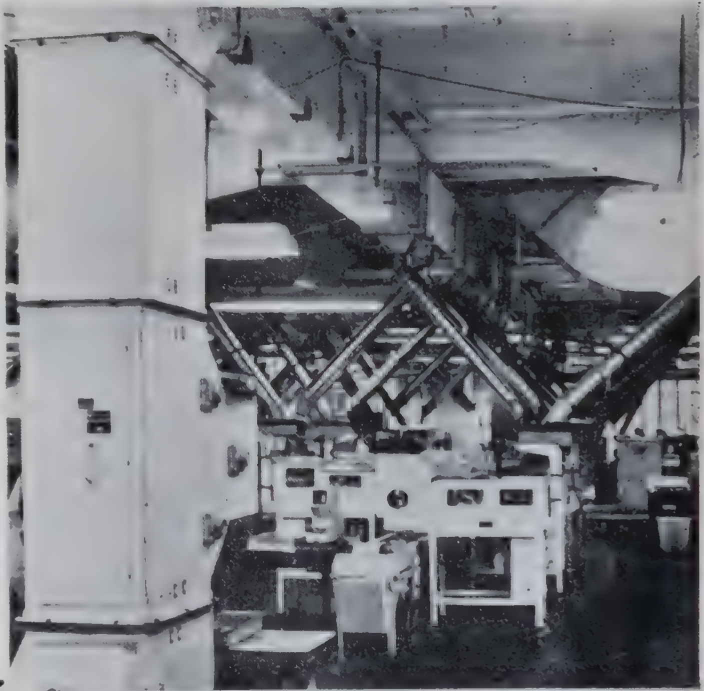

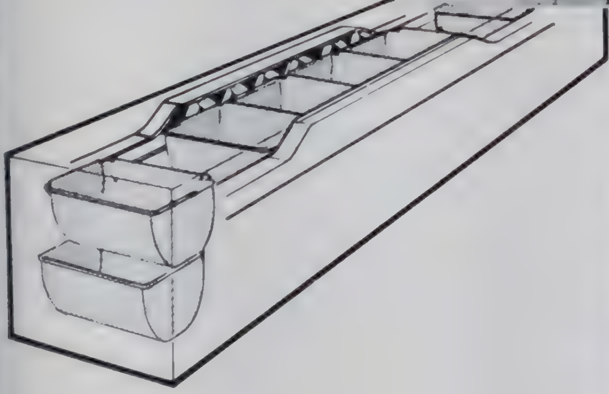

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Sovex Marshall Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Willis Europlant Ltd.
Wright Hargreaves Eng. Co. Ltd.

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Bennett Swiftline Ltd
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Bosch, Robert, Packaging Machinery
Buhler-Miag (England) Ltd.
Butterley Engineering Co. Ltd.
Canterbury Conveyors Ltd.
Carrington Packaging Ltd.
Clarke Chapman Ltd., Int. Combustion Div.
Collis Mechanical Handling Ltd.
Davies, Pritchard & Richmond Ltd.
Driver Southall Ltd.
Edmonds, P. J., Ltd.
Fairway Engineering Co. Ltd.
Food Process Installations
Fourways (Engineers) Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Gardners of Gloucester
Gough & Co. (Hanley) Ltd.
Guylew Manufacturing Co. Ltd.
Iwel Engineering Ltd.
Jenkins of Retford Ltd.
Jonge Poerink (U.K.) Ltd.
Marryat Handling Ltd.
Mather & Platt Ltd.
Metromethods Ltd.
Mono Universal Bakery Machinery
North Acton Conveyor & Elevator
Novotechnics Ltd.
Overstall & Sons Ltd.
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Paterson Hughes Engineering Co.
Polypenco Ltd.
Robinson, Thomas, & Son Ltd.
Selo-Bollans Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Sovex Marshall Ltd.
Van den Bergh Walkinshaw
Willis Europlant Ltd.
Wright Machinery Co. Ltd.

**CONVEYORS (CAN)**

Albro Fillers & Engineering Co.
Arcall Ltd.
Bennett Swiftline Ltd.
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Bog Jorgensen Ltd.
Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Collis Mechanical Handling Ltd.
Dairy Supply Co.
Davies, Pritchard & Richmond
Europack Eng. Co. Ltd.
Fairest, Morgan, Ltd.
Food Process Installation
Guylew Manufacturing Co. Ltd.
Helifit Engineering Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Jonge Poerink (UK) Ltd.
Ling Systems Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Mather & Platt Ltd.
Metal Box Co. Ltd.
Norris, D. C., & Co. Ltd.
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Northern Dairy Engineers Ltd.
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Pantin, W. & C., Ltd.
Pearson Panke Ltd.
Pontifex, H., & Sons Ltd.
Sandvik Conveyors Ltd.
Selo-Bollans Ltd.
Sovex Marshall Ltd.

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Van den Bergh Walkinshaw
Vickers-Dawson
Wright Hargreaves Eng. Co.

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Bramigk & Co. Ltd.
Canterbury Conveyors Ltd.
Clayton, George S., Ltd.
Collis Mechanical Handling Ld.
Dairy Supply Co.
Davies, Pritchard & Richmond Ltd.
Ease-E-Load Trolleys Ltd.
Food Process Installations
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Gimson & Co. (Leicester) Ltd.
Gough & Co. (Hanley) Ltd.
Gravfil Machines Ltd.
Helifit Engineering Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Hunter, G., (London) Ltd.
Jonge Poerink (U.K.) Ltd.
Ling Systems Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Metromethods Ltd.
North Acton Conveyor & Elevator
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Pontifex, H., & Sons Ltd.
Purdy Machinery Co. Ltd.
Ramsden, R., & Son Ltd.
Sandvik Conveyors Ltd.
Selo-Bollans Ltd.
Simon, Henry, Ltd.
Sovex Marshall Ltd.
Tweedy of Burnley Ltd.
U.D. Engineering Co. Ltd
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Vanmar Products Ltd.
Vickers-Dawson
Willis Europlant Ltd.
Wilmat Handling Co. Ltd.
Wright Hargreaves Eng. Co.
Youngman, W. C., Ltd.

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Gilbert, G. &. R., Ltd.
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Jahn (Huntingdon) Ltd.
Jonge Poerink (UK) Ltd.
Ling Systems Ltd.
Marryat Handling Ltd.
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Normanton Engineers Ltd.
Overstall & Sons Ltd.
Payne, F. C., & Co.
Proctor Dalglish
Radyne Ltd.
Sandvik Conveyors Ltd.
Simon-Vicars Ltd
Sovex Marshall Ltd.
Spooner Food Machinery Engineering Co. Ltd.
Stewart Gill & Co. Ltd.
Tomlinsons (Rochdale) Ltd.
Tourell (Sales) Ltd.
Tweedy of Burnley Ltd.
Van den Bergh Walkinshaw
Walter Denis Contacts Co. Ltd.

**CONVEYORS (GRAIN)**

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Bennett Swiftline Ltd.
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Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Canterbury Conveyors Ltd.

Fourways (Engineers) Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Gardners of Gloucester
Gough & Co. (Hanley) Ltd.
Grant, Lewis C., Ltd.
Jenkins of Retford Ltd.
King, Geo. W., Ltd.
Leader, Denis, Ltd.
Ling Systems Ltd.
Marryat Handling Ltd.
Norris, D. C., & Co. Ltd.
North Acton Conveyor & Elevator
Novotechnics Ltd.
Numec Ltd.
Overstall & Sons Ltd.
Paterson Hughes Engineering
Pengco Transport Systems Ltd.
Redler Conveyors Ltd.
Robinson, Thomas, & Son Ltd.
Simon-Barron Ltd.
Simon Handling Engineers Ltd.
Simon, Henry, Ltd.
Sovex Marshall Ltd.
Stott, S. S. Ltd.
Willis Europlant Ltd.

## CONVEYORS (GRAVITY)

Acme Conveyors & Construction
Angel Truck Co. Ltd.
Baker Perkins Ltd.
Beam Engineering Products Ltd.
Bennett Swiftline Ltd.
Bramigk & Co. Ltd.
Collis Mechanical Handling Ltd.
Davies Pritchard & Richmond Ltd.
Dexion Group of Companies
Douglas-Rownson Ltd.
Ease-E-Load Trolleys Ltd.
Fourways (Engineers) Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Gravfil Machines Ltd.
Handy Angle
Helifit Engineering Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Holdan Engineers (London) Ltd.
Hopkins, G., & Sons Ltd.
Hunter, G., (London) Ltd.
King, Geo. W., Ltd.
Ling Systems Ltd.
M. G. K. Engineering Co. Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Metromethods Ltd.
Norris, D. C., & Co. Ltd.
North Acton Conveyor & Elevator
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Overstall & Sons Ltd.
Pantin, W. & C., Ltd.
Paterson Hughes Engineering Co.
Power Lifts Ltd.
Ramsden, R., & Son Ltd.
Rapmac Ltd.
Redman Fisher Eng. Ltd.
Roberts Filling Machines
Robinson, Thomas, & Son Ltd.
Selo-Bollans Ltd.
Sovex Marshall Ltd.
Tweedy of Burnley Ltd.
Vanmar Products Ltd.
Willis Europlant Ltd.
Wilmat Handling Co. Ltd.
Wright Hargreaves Eng. Co. Ltd.
Youngman, W. C., Ltd.

## CONVEYORS (JAR)

Bancroft Fillers & Appliances Ltd.
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Bramigk & Co. Ltd.
British Miller Hydro Co. Ltd.
British Wedge Wire Co. Ltd.
Clayton, George S., Ltd.
Collis Mechanical Handling Ltd.
Davies, Pritchard & Richmond Ltd.
Dico Packaging Engineers Ltd.
Emhart (U.K.) Ltd.
Europack Eng. Co. Ltd.
Fairest, Morgan, Ltd.
Food Process Installations
Helifit Engineering Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Jonge Poerink (UK) Ltd.
Ling Systems Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Mather & Platt Ltd.

Meyer Dumore Int. Ltd.
North Acton Conveyor & Elevator
Overstall & Sons Ltd.
Pantin, W. & C., Ltd.
Peters Packaging Ltd.
Sandvik Conveyors Ltd.
Sovex Marshall Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Wright Hargreaves Eng. Co.

### CONVEYORS (PEA & BEAN) hydro

Bog Jorgensen Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Holland, Peter (Food Machinery)
Leader, Denis, Ltd.
Mather & Platt Ltd.

### CONVEYORS (PNEUMATIC)

Acme Conveyors & Construction
Atlas Equipment (London) Ltd.
B.V.C. Ltd.
Baker Perkins Ltd.
Bivac Air Co. Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Canterbury Conveyors Ltd.
Davies, Pritchard & Richmond Ltd.
Dexion Group of Companies
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G.E.C.-Elliott Mechanical Handling Ltd.
Iwel Engineering Ltd.
King, Geo. W., Ltd.
Leader, Denis, Ltd.
Ling Systems Ltd.
M.I.D. (Europa) Ltd.
Manufacturers Equipment Co. Ltd.
Mucon Eng. Co. Ltd.
Pengco Transport Systems Ltd.
Robinson, Thomas, & Son Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Simon-Vicars Ltd.
Sturtevant Engineering Co. Ltd.
Willis Europlant Ltd.

### CONVEYORS (PORTABLE)

Acme Conveyors & Construction
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Associated Metal Works (Glasgow)
Automated Packaging Systems
B.V.C. Ltd.
Baker Perkins Ltd.
Bancroft Fillers & Appliances Ltd.
Bennett Swiftline Ltd.
Bivac Air Co. Ltd.
Buhler-Miag (England) Ltd.
Canterbury Conveyors Ltd.
Clayton, George S., Ltd.
Collis Mechanical Handling Ltd.
Davies, Pritchard & Richmond Ltd.
Dexion Group of Companies
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Food Process Installations
Gravfil Machines Ltd.
Helifit Engineering Ltd.
Hunter, G., (London) Ltd.
Inpac Automation Ltd.
Jonge Poerink (UK) Ltd.
Kek Ltd.
Leader, Denis, Ltd.
Ling Systems Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Metromethods Ltd.
Norris, D. C., & Co. Ltd.
North Acton Conveyor & Elevator
Numec Ltd.
Omic Ltd.
Pantin, W. & C., Ltd.
Paterson Hughes Engineering Co.
Purdy Machinery Co. Ltd.
Rapmac Ltd.
Redman Fisher Eng. Ltd.
Selo-Bollans Ltd.
Sovex Marshall Ltd.
Walter Denis Contacts Co. Ltd.
Wilmat Handling Co. Ltd.
Wright Hargreaves Eng. Co. Ltd.

### CONVEYORS (ROLLER & TRESTLE)

Acme Conveyors & Construction
Albro Fillers & Engineering

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Automated Packaging Systems
Bancroft Fillers & Appliances Ltd.
Beam Engineering Products Ltd.
Bennett Swiftline Ltd.
Clayton, George S., Ltd.
Collins, Thomas, & Co. Ltd.
Collis Mechanical Handling Ltd.
Davies, Pritchard & Richmond Ltd.
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G.E.C.-Elliott Mechanical Handling Ltd.
Helifit Engineering Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Hunter, G., (London) Ltd.
Iwel Engineering Ltd.
King, Geo. W., Ltd.
M.G.K. Engineering Co. Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Norris, D. C., & Co. Ltd.
North Acton Conveyor & Elevator
Numec Ltd.
Overstall & Sons Ltd.
Pantin, W. & C., Ltd.
**Paterson Hughes Engineering**
Redman Fisher Eng. Ltd.
Selo-Bollans Ltd.
Sovex Marshall Ltd.
Stewart Gill & Co. Ltd.
Tyne Truck & Trolley Co. Ltd.
Vanmar Products Ltd.
Vickers-Dawson
Wilmat Handling Co. Ltd.
Wright Hargreaves Eng. Co.
Youngman, W. C., Ltd.

### CONVEYORS (SLAT & CHAIN)

Acme Conveyors & Construction
Angel Truck Co. Ltd.
Arcall Ltd.
Automated Packaging Systems
Baker Perkins Ltd.
Bancroft Fillers & Appliances Ltd.
Barry-Wehmiller Ltd.
Bartleet, Norman, Ltd.
Beam Engineering Products Ltd.
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
British Miller Hydro Co. Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Clayton, George S., Ltd.
Collins, Thomas, & Co. Ltd.
Collis Mechanical Handling Ltd.
Coolmota
Dairy Supply Co.
Davies, Pritchard & Richmond Ltd.
Dexion Group of Companies
Dico Packaging Engineers Ltd.
Edmonds, P. J., Ltd.
Europack Eng. Co. Ltd.
Ewart Chainbelt Co. Ltd.
F. & C. Engineering Works Ltd.
FMC Corporation (U.K.) Ltd.
Fairest, Morgan, Ltd.
Fourways (Engineers) Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Gilbert, G. & R., Ltd.
Gimson & Co. (Leicester) Ltd.
Gough & Co. (Hanley) Ltd.
Grant, Lewis C., Ltd.
Helifit Engineering Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Hunter, G., (London) Ltd.
Iwel Engineering Ltd.
Jahn (Huntingdon) Ltd.
Jonge Poerink (UK) Ltd.
King, Geo. W., Ltd.
Lane, George, & Sons Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Mather & Platt Ltd.
Metromethods Ltd.
Meyer Dumore Int. Ltd.
Normanton Engineers Ltd.
Norris, D. C., & Co. Ltd.
North Acton Conveyor & Elevator
Novotechnics Ltd.
Omic Ltd.
Overstall & Sons. Ltd.

Pantin, W. & C., Ltd.
Paterson Hughes Engineering
Peters Packaging Ltd
Pontifex, H., & Sons Ltd.
Power Lifts Ltd.
Purdy Machinery Co. Ltd.
Redler Conveyors Ltd.
Redman Fisher Eng. Ltd.
Reed Darnley Taylor Ltd.
Roberts Filling Machines
Selo-Bollans Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Sovex Marshall Ltd.
Stewart Gill & Co. Ltd.
Stott, S. S., Ltd.
Tweedy of Burnley Ltd.
U. D. Engineering Co. Ltd.
Uesco Ltd.
Vanmar Products Ltd.
Vickers-Dawson
Walter Denis Contacts Co. Ltd.
Willis Europlant Ltd.
Wilmat Handling Co. Ltd.
Wright Hargreaves Eng. Co. Ltd.

## CONVEYORS (VIBRATORY)

Acme Conveyors & Construction
Baker Perkins Ltd.
Baldock & Pearce Ltd.
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Carrington Packaging Ltd.
Clarke Chapman Ltd.
Driver Southall Ltd.
Electromagnets Ltd.
Food Process Installations
Goring Kerr Ltd.
Grantham Electrical Eng. Co. Ltd.
Guylew Manufacturing Co. Ltd.
Hambro Machinery Ltd.
Helifit Engineering Ltd.
Holland, Peter, (Food Machinery)
Kek Ltd.
Locker Industries Ltd.
Marryat Handling Ltd.
Mirrlees Watson Co. Ltd.
Novotechnics Ltd.
Orthos (Engineering) Ltd.
Podmores (Engineers) Ltd.
Russell Finex Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Triton Engineering Co. (Sales) Ltd.
Uesco Ltd.
Valley Automation Ltd.
Walter Denis Contacts Co. Ltd.
Wright Machinery Co.

## CONVEYORS (WORM)

Acme Conveyors & Construction
Ajax Equipment (Bolton) Ltd.
Atlas Equipment (London) Ltd.
Automated Packaging Systems
Baker Perkins Ltd.
Baldock & Pearce Ltd.
Balfour, Henry, & Co. Ltd.
Bartleet, Norman, Ltd.
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Canterbury Conveyors Ltd.
Filling Machines Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Gardiner's Conveyors Ltd.
Gardners of Gloucester
Giusti, T., & Son Ltd.
Grant, Lewis C., Ltd.
Iwel Engineering Ltd.
Kek Ltd.
M.I.D. (Europa) Ltd.
Maitlands (Metal Works) Ltd.
Marryat Handling Ltd.
Mather & Platt Ltd.
Mulco Products
Norris, D. C., & Co. Ltd.
North Acton Conveyor & Elevator
Novotechnics Ltd.
Orthos (Engineering) Ltd.
Overstall & Sons Ltd.
Pantin, W. & C., Ltd.
Polypenco Ltd.
Robinson, Thomas, & Son Ltd.
SSV Ltd.
Selo-Bollans Ltd.

Simon-Barron Ltd.
Simon Handling Engineers Ltd.
Simon, Henry, Ltd.
Sovex Marshall Ltd.
Stott, S. S. Ltd.
Uesco Ltd
Walter Denis Contacts Co. Ltd.
Willis Europlant Ltd.

## COOKERS (BATCH)

ABR Food Machinery Co. Ltd.
A.P.V. Co. Ltd.
Ascoli Ltd.
Baker Perkins Ltd.
Balfour, Henry, & Co. Ltd.
Bartleet, Norman, Ltd.
Blundell & Crompton Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
DCA Industries Ltd.
Engelmann & Buckham Ltd.
Eureka Eng. Co. Ltd.
Foodtech Ltd.
Fraser, John, & Son Ltd.
Goddard, J. Alan, Ltd.
Hansel, Otto, Machinery Ltd.
Hiron & Rempler Ltd.
ITC Systems
Johnson, A., & Co. (London) Ltd.
Mather & Platt Ltd.
Petzold, Henry, & Co.
Robinson, W. S., & Co. Ltd.
Simon-Rosedowns Ltd.
Skerman Group
Tourell (Sales) Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## COOKERS (BATCH) vacuum

A.P.V. Co. Ltd.
Baker Perkins Ltd.
Balfour, Henry, & Co. Ltd.
Bartleet, Norman, Ltd.
Blundell & Crompton Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
Fraser, John, & Son Ltd.
Giusti, T., & Son Ltd.
Hansel, Otto, Machinery Ltd.
ITC Systems
Johnson, A., & Co. (London) Ltd.
Loughborough Ovens Ltd.
M. & M. Process Equipment Ltd.
Petzold, Henry, & Co.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Tourell (Sales) Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## COOKERS (CONTINUOUS)

Baker Perkins Ltd.
Balfour, Henry, & Co. Ltd.
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Clarke Chapman Ltd.
Confectionery Developments Ltd.
Cornwell Products Ltd.
DCA Industries Ltd.
Dawson & Barfos (Mfg.) Ltd.
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Foodtech Ltd.
Guylew Manufacturing Co. Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Holmes, W. C., & Co. Ltd.
Johnson, A., & Co. (London) Ltd.
Luwa (U.K.) Ltd.
Mather & Platt Ltd.
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Rose Forgrove Ltd.
Simon-Rosedowns Ltd.

Tourell (Sales) Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Welch, J. A., (Plant & Vessel) Ltd.
Wright Machinery Co.

## COOKERS & COOLERS

Ascoli Ltd.
Baker Perkins Ltd.
Berendsen, S., Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
FMC Corporation (U.K.) Ltd.
Guylew Manufacturing Co. Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Holmes, W. C., & Co. Ltd.
ITC Systems
Johnson, A., & Co. (London) Ltd.
Mather & Platt Ltd.
Robinson, W. S., & Co. Ltd.
Tourell (Sales) Ltd.
Vickers-Dawson
Welch, J. A., (Plant & Vessel) Ltd.

## COOKERS (DOUGHNUT)

Atlas Equipment (London) Ltd.
Becketts Bakery Engineers Ltd.
DCA Industries Ltd.
Guylew Manufacturing Co. Ltd.
Jahn, F., & Co. Ltd.
Loughborough Ovens Ltd.
Mono Universal Bakery Machinery
Reads & Barrons
Welch, J. A., (Plant & Vessel) Ltd.

## COOKERS (HAM)

ABR Food Machinery Co. Ltd.
Ascoli Ltd.
Crypto-Peerless Ltd.
Eureka Eng. Co. Ltd.
Foodtech Ltd.
Fraser, John, & Son Ltd.
G.A.L. Products Ltd.
Gilbert, G. & R., Ltd.
Invicta Sheet Metal Co. Ltd.
Loughborough Ovens Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.

## COOKERS (SUGAR)

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Blundell & Crompton Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Confectionery Developments Ltd.
Cornwell Products Ltd.
Hansel, Otto, Machinery Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Rose Forgrove Ltd.
Skerman Group
Van den Bergh Walkinshaw
Welch, J. A., (Plant & Vessel) Ltd.

## COOKERS (TOFFEE)

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Confectionery Developments Ltd.
Cornwell Products Ltd.
Hansel, Otto, Machinery Ltd.
Robinson, W. S., & Co. Ltd.
Rose Forgrove Ltd.
Tourell (Sales) Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## COOLERS (AIR)

Air Control Installations Ltd.
Alfred & Co. Ltd.
Associated Electrical Industries
B.V.C. Ltd.
Baker Perkins Ltd.
Biddle, F. H., Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.

Brierley, Collier &
Hartley Equipment Ltd.
Carrier Engineering Co. Ltd.
Clarke-Built (Williams) Ltd.
Frigoscandia Ltd.
Grenco Eng. & Contracting Ltd.
Guylew Manufacturing Co. Ltd.
Hansel, Otto, Machinery Ltd.
Improvair Ltd.
Lacy-Hulbert & Co. Ltd.
Lightfoot Refrigeration Co. Ltd.
Ling Systems Ltd.
Luwa (U.K.) Ltd.
Minikay Ltd.
Newell Dunford Engineering Ltd.
Prestcold Ltd.
Proctor Dalglish
Sandvik Conveyors Ltd.
Serck Visco
Udec Refrigeration Ltd.
Walter Denis Contacts Co. Ltd.
York Division of Borg-Warner

## COOLERS (BOTTLE)

Clayton, George S., Ltd.
Europack Eng. Co. Ltd.
Jonge Poerink (UK) Ltd.
Kelvinator Ltd.
Lightfoot Refrigeration Co. Ltd.
Minikay Ltd.
Van den Bergh & Partners Ltd.
Vickers-Dawson
York Division of Borg-Warner Ltd.

## COOLERS (BREAD)

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Burgess Eng. Ltd.
Collins, Thomas, & Co. Ltd.
Coolmota Ltd.
Frigoscandia Ltd.
Gilbert, G. & R., Ltd.
Greer, J. W. Ltd.
Grenco Eng. & Contracting Ltd.
HTI Engineering
Jonge Poerink (UK) Ltd.
Lightfoot Refrigeration Co.
Mason, W. F., Ltd.
Minikay Ltd.
Normanton Engineers Ltd.
Oddy Ltd.
Payne, F. C., & Co.
Record Bakery Equipment Co. Ltd.
Spooner Food Machinery
Engineering Co. Ltd.
Tweedy of Burnley Ltd.
York-Division of Borg-Warner

## COOLERS (CHOCOLATE)

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Coupe, Clifford, Ltd.
Greer, J. W., Co. Ltd.
Grenco Eng. & Contracting Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Johnson, A., & Co. (London) Ltd.
Jonge Poerink (UK) Ltd.
Lightfoot Refrigeration Co. Ltd.
Minikay Ltd.
Mono Universal Bakery Machinery
Normanton Engineers Ltd.
Pontifex, H., & Sons Ltd.
Robinson, W. S., & Co.
Tourell (Sales) Ltd.
Van den Bergh Walkinshaw
Walter Denis Contacts Co. Ltd.
York-Division of Borg-Warner

## COOLERS (CONDENSED MILK)

Johnson, A., & Co. (London) Ltd.
Jonge Poerink (UK) Ltd.
Minikay Ltd.
Morton, Robert, DG. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Wright Hargreaves Eng. Co.

## COOLERS (CONFECTIONERY)

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bosch, Robert, Packaging
Machinery
Bramigk & Co. Ltd.
Brierley, Collier &
Hartley Equipment Ltd.
Burgess Eng. Ltd.

Collins, Thomas, & Co. Ltd.
Confectionery Developments Ltd.
Coupe, Clifford, Ltd.
Douglas-Rownson Ltd.
Frigoscandia Ltd.
Gilbert, G. & R., Ltd.
Greer, J. W., Co. Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Johnson, A., & Co. (London) Ltd.
Jonge Poerink (UK) Ltd.
Lightfoot Refrigeration Co. Ltd.
Ling Systems Ltd.
Minikay Ltd.
Normanton Engineers Ltd.
Oddy Ltd.
Payne, F. C., & Co.
Robinson, W. S., & Co.
Sandvik Conveyors Ltd.
Skerman Group
Tourell (Sales) Ltd.
Tweedy of Burnley Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
York-Division of Borg-Warner

## COOLERS (CREAM)

A.P.V. Co. Ltd.
Alfa-Laval Co. Ltd.
Alfred & Co. Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Cornwell Products Ltd.
Dairy Supply Co.
Frigoscandia Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Jonge Poerink (UK) Ltd.
Lightfoot Refrigeration Co., Ltd.
Minikay Ltd.
Morton, Robert, DG Ltd.
Robinson, W. S., & Co.
Welch, J. A., (Plant & Vessel) Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co.
York-Division of Borg-Warner

## COOLERS (CUBE)

Buhler-Miag (England) Ltd.
Jonge Poerink (UK) Ltd.
Sizer, Richard, Ltd.

## COOLERS (FAT)

Douglas-Rownson Ltd.
Iwel Engineering Ltd.
Johnson, A., & Co. (London) Ltd.
Lightfoot Refrigeration Co. Ltd.

## COOLERS (FILM)

A.P.V.-Mitchell (Dryers) Ltd.
Film Cooling Towers (1925) Ltd.
Giusti, T., & Son Ltd.
Graham-Enock Manufacturing
Jonge Poerink (UK) Ltd.
Morton, Robert, DG Ltd.
Sandvik Conveyors Ltd.
Simon, Richard, & Sons Ltd.

## COOLERS (ICE CREAM)

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Frigoscandia Ltd.
Giusti, T., & Son Ltd.
Greer, J. W., Co. Ltd.
Grenco Eng. & Contracting Ltd.
Hamilton, James, & Sons
Hansel, Otto, Machinery Ltd.
Lightfoot Refrigeration Co. Ltd.
Minikay Ltd.
Prestcold Ltd.
Sandvik Conveyors Ltd.
Walter Denis Contacts Co. Ltd.
Wright Hargreaves Eng. Co.
York-Division of Borg-Warner

## COOLERS (JAM)

A.P.V. Co. Ltd.
Barry-Wehmiller Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Hart, W. J., & Sons (London) Ltd.
ITC Systems
Johnson, A., & Co.
  (London) Ltd.
Mather & Platt Ltd.
Meyer Dumore Int. Ltd.
Minikay Ltd.
Skerman Group

### COOLERS (LIQUID EGG)

A.P.V. Co. Ltd.
Baker Perkins Ltd.
Frigoscandia Ltd.
Giusti, T., & Son Ltd.
Grenco Eng. & Contracting Ltd.
Lightfoot Refrigeration Co. Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co.

### COOLERS (PLATE TYPE)

A.P.V. Co. Ltd.
Alfa-Laval Co. Ltd.
Alfred & Co. Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Grenco Eng. & Contracting Ltd.
Lightfoot Refrigeration Co. Ltd.
Marston Excelsior Ltd.
Minikay Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Skerman, C., & Sons Ltd.
Skerman Group
Willis Europlant Ltd.

### COOLERS (ROTARY)

A.P.V. Co. Ltd.
A.P.V.-Mitchell (Dryers) Ltd.
Bartleet, Norman, Ltd.
Bog Jorgensen Ltd.
Buell Ltd.
Cherry-Burrell Ltd.
Collins, Thomas, & Co. Ltd.
FMC Corporation (U.K.) Ltd.
Holland, Peter, (Food Machinery)
Johnson, A., & Co.
  (London) Ltd.
Mather & Platt Ltd.
Newell Dunford Engineering Ltd.
Robinson, W. S., & Co.
Rosin. Eng. Co. Ltd.
Simon, Richard, & Sons Ltd.

### COOLERS (SAUSAGE)

ABR Food Machinery Co. Ltd.
Coolmota Ltd.
Douglas-Rownson Ltd.
Foodtech Ltd.
Greer, J. W., Co. Ltd.
Grenco Eng. & Contracting Ltd.
HTI Engineering
Lightfoot Refrigeration Co. Ltd.
Minikay Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
York-Division of Borg-Warner

### COOLERS (SPRAY)

A.P.V.-Mitchell (Dryers) Ltd.
Barry-Wehmiller Ltd.
Cornwell Products Ltd.
Eureka Eng. Co. Ltd.
Holland, Peter, (Food Machinery)
Jonge Poerink (UK) Ltd.
Mather & Platt Ltd.
Sandvik Conveyors Ltd.
Van den Bergh & Partners Ltd.

### COOLERS (SUGAR)

A.P.V. Co. Ltd.
Alfa-Laval Co. Ltd.
Bartleet, Norman, Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Buell Ltd.
Hansel, Otto, Machinery Ltd.
Holmes, W. C., & Co. Ltd.
Hygrotherm Eng. Ltd.
Morton, Robert, DG Ltd.
Newell Dunford Engineering Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Sandvik Conveyors Ltd.
Skerman Group
Van den Bergh Walkinshaw
Welch, J. A., (Plant & Vessel) Ltd.

### COOLERS (SYRUP)

A.P.V. Co. Ltd.
Alfa-Laval Co. Ltd.
Clayton, George S., Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.

# DRYING? COOLING?

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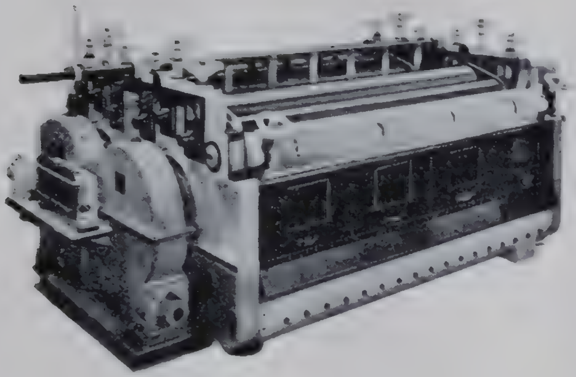
## Nottingham



36" × 100" TWIN DRUM DRYER for the production of cereal foods and instant foods. The enclosure of the side conveyors was specially designed to suit the customer's hygiene requirements. The output and the quality of the finished product have been optimised by the Richard Simon automatically controlled feeding system which employs the latest solid state transistorised techniques. As the result of successful operation with the first machine we have received several repeat orders.

Illustration shows a versatile processing machine which in its various forms will heat, dry or cool a wide variety of cereals and their derivatives. The heating and cooling is by indirect means, thus ensuring the highest standard of hygiene.
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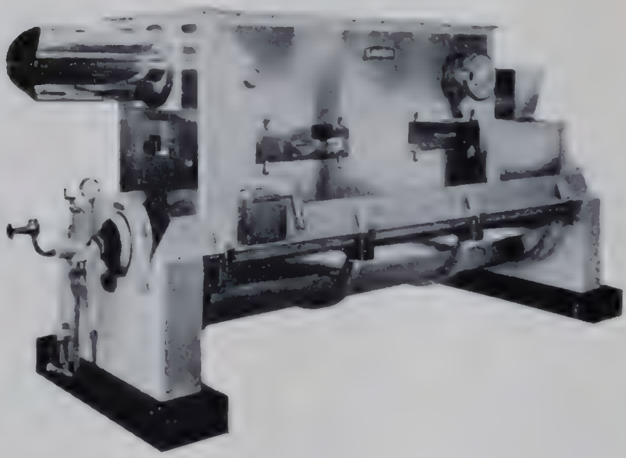

We have over 70 years' experience in solving drying problems. Many of the machines we build are designed specifically for customers' unique products.

The range includes 20 sizes of drum dryers and 20 sizes of tubular dryers. Vibrating conveyor dryers, pneumatic pre-dryers, rotary dryers, static tray dryers, etc.

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Mojonnier Bros. Co.
Morton, Robert, DG Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### COOLERS (VACUUM)

B.V.C. Ltd.
ITC Systems
Leybold Heraeus Ltd.
Tweedy of Burnley Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### COOLERS (WATER)

A.P.V. Co. Ltd.
A.P.V.-Parafreeze Ltd
Alfred & Co. Ltd.
Berendsen, S., Ltd.
Carter Thermal Industries
Clayton, George S., Ltd.
Coolmota Ltd.
Douglas-Rownson Ltd.
Film Cooling Towers (1925) Ltd.
Food Process Installations
Foster Wheeler John Brown Boilers Ltd.
Gilbert, G. & R., Ltd.
Giusti, T., & Son Ltd.
Grenco Eng. & Contracting Ltd.
Hansel, Otto, Machinery Ltd.
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Improvair Ltd.
Jahn (Huntingdon) Ltd.
Lightfoot Refrigeration Co. Ltd.
Minikay Ltd.
Mojonnier Bros. Co.
Redman Heenan Froude Ltd.
Serck Visco
Vickers-Dawson
Welch, J. A., (Plant & Vessel) Ltd.
York Division of Borg-Warner

### COOLERS (WATER)
**mineral water**

A.P.V. Co. Ltd.
Clayton, George S., Ltd.
Grenco Eng. & Contracting Ltd.
Hiron & Rempler Ltd.
Jahn, F., & Co. Ltd.
Lightfoot Refrigeration Co. Ltd.
Mojonnier Bros. Co.
Vickers-Dawson
Welch, J. A., (Plant & Vessel) Ltd.
York Division of Borg-Warner

### COOLERS (WOVEN WIRE BELT)

A.P.V.-Mitchell (Dryers) Ltd.
Acme Conveyors & Construction
Bartleet, Norman, Ltd.
Bennett Swiftline Ltd
Bosch, Robert, Packaging Machinery
Europack Eng. Co. Ltd.
Food Process Installations
Frigoscandia Ltd.
Grenco Eng. & Contracting Ltd.
Hansel, Otto, Machinery Ltd.
Jonge Poerink (UK) Ltd.
Normanton Engineers Ltd.
Novotechnics Ltd.
Petrie & McNaught Ltd.
Rosin Eng. Co. Ltd.
Walter Denis Contacts Co. Ltd.

### CORDIAL FILTERS

*See Filters (Cordial)*

### CORK STOPPER PRESSING MACHINES

Albro Fillers & Engineering
Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Flower Faraday Ltd.
Gravfil Machines Ltd.
Purdy Machinery Co. Ltd.
Roberts Filling Machines

### CORKING MACHINES

Albro Fillers & Engineering
Barthes-Roberts Ltd.
Bramigk & Co. Ltd.
Carlson-Ford Ltd.
Clayton, George S., Ltd.
Erben, H., Ltd.
Flower Faraday Ltd.
Gravfil Machines Ltd.
Purdy Machinery Co. Ltd.
Rockwell Pneumatic Scale Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson

### CORN CUTTERS

Bramigk & Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Urschel International Ltd.

### CORN & GRAIN HANDLING PLANT

*See Handling Plant (Corn & Grain)*

### COUNTERS (ELECTRONIC)

Atlas Equipment (London) Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Hayes, R. J., (Machinery) Ltd.
Kappa Janes Ltd.
Lock, A. M., & Co. Ltd.
Londex Ltd.
Metal Box Co. Ltd.
Pitney-Bowes Ltd.
Radiovisor Parent Ltd.
Smiths Industries Ltd.
Trumeter Co. Ltd.
Van den Bergh Walkinshaw
Vandome & Hart Ltd.
Vickers Ltd. Engineering Group

### COUNTERS (MECHANICAL)

Clayton, George S., Ltd.
Foster Cambridge Ltd.
Metal Box Co. Ltd.
Organ, Arthur F., (Packaging Machinery) Co. Ltd.
Pitney-Bowes Ltd.
Smiths Industries Ltd.
Trumeter Co. Ltd.
Van den Bergh Walkinshaw
Vandome & Hart Ltd.

### CRANES (FIXED)

Butterley Eng. Co. Ltd.
Dexion Group of Companies
Dresser Europe, S.A.
Hunter, G., ( London) Ltd.
King, Geo. W., Ltd.
Payne, F. C., & Co.

### CRANES (MOBILE)

Angel Truck Co. Ltd.
Butterley Engineering Co. Ltd.
Hunter, G., ( London) Ltd.
Kings Cross Truck Co. Ltd.
Paterson Hughes Engineering Co.
Payne, F. C., & Co.
Rubery Owen Conveyancer Ltd.

### CRATE LOADERS & UNLOADERS (RETORT)

Bog Jorgensen Ltd.
Lodematic Ltd.
Mather & Platt Ltd.
Metal Box Co. Ltd.
RHM Ingredient Supplies Ltd.

### CRATES (PLASTIC)

Associated Crates Ltd.
Dairy Supply Co.
Noviss Plastics Ltd.
WCB Containers Ltd.

### CRATES (STACKING)

Angel Truck Co. Ltd.
Associated Crates Ltd.
Dairy Supply Co.
Hunter, G., (London) Ltd.
Nathan's Equipment Ltd.
Omic Ltd.
WCB Containers Ltd.

### CRATES (WIRE)

Angel Truck Co. Ltd.
Associated Crates Ltd.
Dairy Supply Co.
Locker Industries Ltd.
Omic Ltd.
Potter, F. W., & Soar Ltd.
Sankey Green Wire Weaving Co.

### CRATING MACHINES (BOTTLE & JAR)

*See Bottle and Jar Crating Machines*

### CREAM BAR PLANTS

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Greer, J. W., Co. Ltd.
Payne, F. C., & Co.
Robinson, W. S., & Co. Ltd.

### CREAM BEATERS

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Hansel, Otto, Machinery Ltd.
Hobart Manufacturing Co. Ltd.
Robinson, W. S., & Co. Ltd.
Sorensen Bakery Equipment Co.

### CREAM COOLERS

*See Coolers (Cream)*

### CREAM FILLING MACHINES

*See Filling Machines (Cream)*

### CREAM FILTERS

*See Filters (Cream)*

### CREAM HEATERS

*See Heaters (Cream)*

### CREAM MELTERS

Bartleet, Norman, Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Giusti, T., & Son Ltd.
Hansel, Otto, Machinery Ltd.
Robinson, W. S., & Co.

### CREAM MIXERS

*See Mixers (Cream)*

### CREAM PASTEURISERS

*See Pasteurisers (Cream)*

### CREAM SEPARATORS

*See Separators (Cream)*

### CREAM VATS

*See Vats (Cream)*

### CREAMING & SANDWICHING MACHINES

Baker Perkins Ltd.
Bramigk & Co. Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Cornwell Products Ltd.
DCA Industries Ltd.
Hart, W. J., & Sons (London)
Jahn (Huntingdon) Ltd.
Oakes, E. T., Ltd.
Payne, F. C., & Co.
Robinson, W. S., & Co.
Simon-Vicars Ltd.
Walter Denis Contacts Co. Ltd.

### CRIMPING MACHINES

Autopack Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Fairest, Morgan, Ltd.
Filling Machines Ltd.
Flexile Ltd.
Selo-Bollans Ltd.
Van den Bergh Walkinshaw

### CROWN CORKING MACHINES

Barthes-Roberts Ltd.
Clayton, George S., Ltd.
Erben, H., Ltd.
Flower, Faraday Ltd.
Meyer Dumore Int. Ltd.
Van den Bergh Walkinshaw
Vickers Ltd., Engineering Group
Willis Europlant Ltd.

### CRUMPET MAKING MACHINES (AUTOMATIC)

Payne, F. C., & Co.
Pelkman, John, Eng. Co.

### CRYSTALLISERS

Blairs Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.

Burnett & Rolfe Ltd.
Clarke Chapman Ltd.
Johnson, A., & Co. (London) Ltd.
Robinson, W. S., & Co.
Wellman Incandescent Ltd.

## CUBE SUGAR PLANT

Gimson & Co. (Leicester) Ltd.
Jahn (Maskiner) Ltd.
Lotz Abbott & Co. Ltd.
Van den Bergh Walkinshaw

## CUBING MACHINES

Biro Food Machinery Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
FMC Corporation (U.K.) Ltd.
Foodtech Ltd.
Hart, W. J., & Sons (London)
Holland, Peter, (Food Machinery)
Jahn (Maskiner) Ltd.
M. & M. Process Equipment Ltd.
Manex & Co.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Simon-Barron Ltd.
Ultra Rapid Machines (Scotland) Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh Walkinshaw
Wetter, J. C., & Co.

## CUSTARD POWDER MACHINES

Convertex Machinery Ltd.
Filling Machines Ltd.
Gardners of Gloucester

## CUTTERS (CAKE) rotary

Brierley, Collier & Hartley Equipment Ltd.
Jahn (Huntingdon) Ltd.
Mulco Products
Robinson, W. S., & Co.
Simon-Vicars Ltd.

## CUTTERS (CAKE) static

Gilbert, G. & R., Ltd.
Robinson, W. S., & Co.

## CUTTERS (CARAMEL)

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
Greer, J. W., Co. Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Manex & Co.
Robinson, W. S., & Co.
Skerman Group

## CUTTERS (CHEESE)

Flower Faraday Ltd.
Lerner Machine Co. Ltd.
Urschel International Ltd.

## CUTTERS (CREAM SLICE)

Arcall Ltd.

## CUTTERS (MEAT)

ABR Food Machinery Co. Ltd.
Albrin Products Ltd.
Barwin Engineering Co. Ltd.
Berkel & Parnall's Slicing Machine
Biro Food Machinery Ltd.
Bizerba Ltd.
Douglas-Rownson Ltd.
FMC Corporation (U.K.) Ltd.
Fairfax Engineering Ltd.
Foodtech Ltd.
Gardner, John, & Son
Hart, W. J., & Sons (London) Ltd.
Herbert & Sons Ltd.
Hobart Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
Iwel Engineering Ltd.
Jahn, F., & Co. Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Union Food Machinery & Equipment Ltd.
Urschel International Ltd.
Wetter, J. C., & Co.

### CUTTERS (PASTRY)

**(rotary)**

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burgess Eng. Ltd.
Camwheat Pie Machine Co. Ltd.
Gilbert, G. & R., Ltd.
Johnson, Fred (Machinery) Ltd.
Mulco Products
Oddy Ltd.
Payne, F. C., & Co.
RHM Ingredient Supplies Ltd.
Simon-Vicars Ltd.

### CUTTERS (PEEL)

Brierley, Collier & Hartley Equipment Ltd.
Greer, J. W., Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Manex & Co.
Revel Controls Ltd.
Urschel International Ltd.
Van den Bergh & Partners Ltd.

### CUTTING MACHINES (BISCUIT)

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Bramigk & Co. Ltd.
Central Engineering Co. Ltd.
Cornwell Products Ltd.
Hart, W. J., & Sons (London) Ltd.
Jackson, J. G., & Crockatt Ltd.
Johnson, Fred (Machinery) Ltd.
Manex & Co.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Record Bakery Equipment Co. Ltd.
Robinson, W. S., & Co. Ltd.
Simon-Vicars Ltd.
Walter Denis Contacts Co. Ltd.

### CUTTING MACHINES (FRUIT & VEGETABLE)

BDR Machines (Kellie Div.)
Berendsen, S., Ltd.
Berkel & Parnall's Slicing Machine
Bog Jorgensen Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Crypto-Peerless Ltd.
FMC Corporation (U.K.) Ltd.
Food Process Installations
Greer, J. W. Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Manex & Co.
Mather & Platt Ltd.
Metcalfe, C. B., Food Machinery Ltd.
Revel Controls Ltd.
Tweedy of Burnley Ltd.
Ultra Rapid Machines (Scotland) Ltd.
Urschel International Ltd.
Van den Bergh & Partners Ltd.

### CUTTING MACHINES (TEA)

Gardners of Gloucester

### CUTTING MACHINES (TOFFEE)

Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Hansel, Otto, Machinery Ltd.
Manex & Co.

### CUTTING MACHINES (WAFER)

Baker Perkins Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Hart, W. J., & Sons (London) Ltd.
Pelkman, John, Eng. Co.
Robinson, W. S., & Co.
Simon-Vicars Ltd.
Walter Denis Contacts Co. Ltd.

### CUTTING & WRAPPING MACHINES (TOFFEE)

Bartleet, Norman, Ltd.
Cornwell Products Ltd.
Robinson, W. S., & Co.

Rose Forgrove Ltd.
Skerman Group
Turner Automatic Machinery Co.
Van den Bergh Walkinshaw

### CYCLONES

Acme Conveyors & Construction
Atlas Equipment (London) Ltd.
Bartleet, Norman, Ltd.
British Rema Mfg. Co. Ltd.
Buell Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Carter Thermal Industries
Cornwell Products Ltd.
Giusti, T., & Son Ltd.
Grant, Lewis C., Ltd.
Holmes, W. C., & Co. Ltd.
Johnson, A., & Co.
(London) Ltd.
Lamson Engineering Co. Ltd.
Leader, Denis, Ltd.
Liquid-Solid Separations Ltd.
Miracle Mills Ltd.
Robinson, Thomas, & Son Ltd.
Rosin Eng. Co. Ltd.
SSV Ltd.
Sala Neldco Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd
Tomlinsons (Rochdale) Ltd.
Van den Bergh Walkinshaw
Willis Europlant Ltd.

### DE-AERATORS (VACUUM)

APV-Bowser Filtration Ltd.
A.P.V. Co. Ltd.
Ataroth Ltd.
M. & M. Process Equipment Ltd.
Mojonnier Bros. Co.
Nautamix (U.K.) Ltd.
Ryaland Pumps Ltd.
Selo-Bollans Ltd.
Telcon-Process
Wade Engineering Ltd.

### DECORTICATING MACHINES

Baker Perkins Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Manex & Co.
Simon-Rosedowns Ltd.

### DE-CRATING MACHINES (BOTTLE)

*See Bottle De-Crating Machines*

### DEGREASING PLANT

Alfa-Laval Co. Ltd.
Allmet, Oliver Douglas Ltd.
Apex Construction Ltd.
Applied Chemicals Ltd.
Balfour, Henry & Co. Ltd.
Braby Group Ltd. (Liverpool)
C.P. Equipment Ltd.
Cimex Ltd.
Clarke Chapman Ltd.
Davies, Pritchard & Richmond Ltd.
Giusti, T., & Son Ltd.
Payne, F. C., & Co.
Pennwalt Ltd.
Plenty & Son Ltd.
Powley, R., & Sons Ltd.
Simon-Rosedowns Ltd.
Vickers-Dawson

### DEHUMIDIFIERS

Heather Filters Ltd.
Rimer-Birlec Ltd.
Rotaire Driers Ltd.

### DEHYDRATION PLANT

Broadbent, Thomas, & Sons Ltd.
Clarke-Chapman Ltd.
Edwards High Vacuum
Hardaker, John T.,
(Food Machinery) Ltd.
Hart, W. J., & Sons (London)
Leybold-Heraeus Ltd.
M.I.D. (Europa) Ltd.
Minikay Ltd.
Plenty & Son Ltd.
Proctor Dalglish
Rimer-Birlec Ltd.
Tomlinsons (Rochdale) Ltd.
Van den Bergh Walkinshaw
Vincent Processes Ltd.

## DEIONISERS

Elga Products Ltd
Permutit-Boby Ltd.

## DEODORISING PLANT (OILS & FATS)

Asme Vessels Ltd.
Giusti, T., & Son Ltd.
Johnson Progress Ltd.
Luwa (U.K.) Ltd.
Maitlands (Metal Works) Ltd.
Plenty & Son Ltd.
Pontifex, H., & Sons Ltd.
Simon-Rosedowns Ltd.
Van den Bergh Walkinshaw

## DEPOSITORS

Albro Fillers & Engineering Co. Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Becker Equipment & Lifts Ltd.
Bramigk & Co. Ltd.
Burgess Eng. Ltd.
Confectionery Developments Ltd.
Crollie, J., & Son Ltd.
Crypto-Peerless Ltd.
Doboy Ltd.
Filling Machines Ltd.
Gilbert, G. & R., Ltd.
Greer, J. W., Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Johnson, Fred (Machinery) Ltd.
Oakes, E. T., Ltd.
Oddy Ltd.
Pastillators Ltd.
Payne, F. C., & Co.
Reads & Barrons
Robinson, W. S., & Co.
Simon-Vicars Ltd.
Steetley Co. Ltd.

## DEPOSITORS (CHOCOLATE)

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd
Coupe, Clifford, Ltd.
Doboy Ltd.
Jahn (Huntingdon) Ltd.
Robinson, W. S., & Co.

## DEPOSITORS (CONFECTIONERY)

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Becker Equipment & Lifts Ltd.
Bramigk & Co. Ltd.
Burgess Eng. Ltd.
Collins, Thomas, & Co. Ltd.
Confectionery Developments Ltd.
Coupe, Clifford, Ltd.
Custance, J. C., & Co. Ltd.
Gilbert, G. & R., Ltd.
Greer, J. W., Co. Ltd.
Hansel, Otto, Machinery Ltd.
Jahn (Huntingdon) Ltd.
Johnson, Fred (Machinery) Ltd.
Novotechnics Ltd.
Oakes, E. T., Ltd.
Oddy Ltd.
Pastillators Ltd.
Pelkman, John, Eng. Co.
Record Bakery Equipment
Robinson, W. S., & Co.
Watten Emulsifying Machines Ltd.

## DEPOSITORS (JAM & MINCEMEAT)

Atlas Equipment (London) Ltd.
Becker Equipment & Lifts Ltd.
Becketts Bakery Engineers Ltd.
Burgess Eng. Ltd.
Camwheat Pie Machine Co. Ltd.
Crypto-Peerless Ltd.
Doboy Ltd.
Gilbert, G. & R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Jahn, F., & Co.
Jahn (Huntingdon) Ltd.
Johnson, Fred (Machinery) Ltd.
Mono Universal Bakery Machinery
Oakes, E. T. Ltd.
Oddy Ltd.
Steetley Co. Ltd.
Van den Bergh & Partners Ltd.

## DEPOSITORS (MEAT) automatic

ABR Food Machinery Co. Ltd.
Becketts Bakery Engineers Ltd.
Burgess Eng. Ltd.
Camwheat Pie Machine Co. Ltd.
Crypto-Peerless Ltd.
Doboy Ltd.
Gilbert, G. & R., Ltd.
Guylew Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
Jahn, F., & Co. Ltd.
Johnson, Fred (Machinery) Ltd.
Oddy Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Steetley Co. Ltd.

## DEPOSITORS (SPONGE)

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becker Equipment & Lifts Ltd.
Becketts Bakery Engineers Ltd.
Custance, J. C., & Co. Ltd.
Doboy Ltd.
Gilbert, G. & R. Ltd.
Jahn (Huntingdon) Ltd.
Oakes, E. T., Ltd.
Oddy Ltd.
Pelkman, John, Eng. Co.
Robinson, W. S., & Co.
Simon-Vicars Ltd.

## DE-RINDERS

Holroyd Food Machinery Ltd.
Wetter, J. C., Ltd.

## DICERS

ABR Food Machinery Co. Ltd.
Albrin Products Ltd.
Barwin Engineering Co. Ltd.
Biro Food Machinery Ltd.
Brierley, Collier & Hartley Equipment Ltd.
FMC Corporation (U.K.) Ltd.
Foodtech Ltd.
Greer, J. W., Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Hobart Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
Holroyd Food Machinery Ltd.
Jahn, F., & Co.
Leader, Denis, Ltd.
M. & M. Process Equipment Ltd.
Manex & Co.
Mather & Platt Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Skerman Group
Union Food Machinery & Equipment Ltd.
Urschel International Ltd.
Wetter, J. C., & Co.

## DIE HEADS (PLASTIC ROTARY)

Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Brierley, Collier & Hartley Equipment Ltd.
Leader, Denis, Ltd.
Robinson, W. S., & Co. Ltd.

## DIGESTERS

Apex Construction Ltd.
Burnett & Rolfe Ltd.
Butterfield, W. P., (Engineers) Ltd.
Clarke Chapman Ltd.
Douglas-Rownson Ltd.
Fraser, John, & Son Ltd.
Iwel Engineering Ltd.
Johnson, A., & Co. (London) Ltd.
Lang-London-Ltd.
Maitlands (Metal Works) Ltd.
SSV Ltd.
Selo-Bollans Ltd.

## DISINTEGRATORS

Apex Construction Ltd.
Balfour, Henry, & Co. Ltd.
Bramigk & Co. Ltd.
British Rema Manufacturing
Follsain-Wycliffe Foundries Ltd.
Gardners of Gloucester
Iwel Engineering Ltd.
Kek Ltd.
Lang-London-Ltd.
Leader, Denis, Ltd.
M. & M. Process Equipment Ltd.
Miracle Mills Ltd.

Orthos (Engineering) Ltd.
Premier Colloid Mills Ltd.
Robinson, Thomas, & Son Ltd.
Selo-Bollans Ltd.
Simon-Barron Ltd.
Ultrasonics Ltd.

## DISTILLATION PLANT

A.P.V. Co. Ltd.
Apex Construction Ltd.
Asme Vessels Ltd.
Associated Metal Works (Glasgow) Ltd.
Auto Diesels Braby Ltd.
Balfour, Henry, & Co. Ltd.
Burnett & Rolfe Ltd.
C. P. Equipment Ltd.
Edwards High Vacuum
Elga Products Ltd.
Electrothermal Engineering Ltd.
Giusti, T., & Son Ltd.
I. & P. Chemical Engineers Ltd.
Jobling, James A., & Co. Ltd.
Johnson, A., & Co. (London) Ltd.
Leybold-Heraeus Ltd.
Luwa (U.K.) Ltd.
M. & M. Process Equipment Ltd.
Manesty Machines Ltd.
Mojonnier Bros. Co.
Morton, Robert, DG Ltd.
Payne, F. C., & Co.
Plenty & Son Ltd.
Pontifex, H., & Sons Ltd.
SSV Ltd.
TRF Pland Ltd.
Udec Refrigeration Ltd.
Welch, J. A., (Plant & Vessel)

## DIVIDERS (BUN & ROLL)

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Collins, Thomas, & Co. Ltd.
Custance, J. C., & Co. Ltd.
Gilbert, G. R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Invicta Sheet Metal Co. Ltd.
Mason, W. F., Ltd.
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Reads & Barrons
Record Bakery Equipment Co. Ltd.
Robertson Bakery Engineering

## DIVIDERS (DOUGH)

Artofex Engineering Works Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Burgess Eng. Ltd.
Camwheat Pie Machine Co. Ltd.
Collins, Thomas, & Co. Ltd.
Custance, J. C., & Co. Ltd.
Foodtech Ltd.
Gilbert, G. & R., Ltd.
Johnson, Fred (Machinery) Ltd.
Mason, W. F., Ltd.
Mono Universal Bakery Machinery
Oddy Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Reads & Barrons
Record Bakery Equipment Co. Ltd.
Robertson Bakery Engineering
Transmatic Fyllen Ltd.

## DIVIDERS & MOULDERS (BUN & ROLL)

Artofex Engineering Works Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Barker, Thomas, & Sons Ltd.
Becketts Bakery Engineers Ltd.
Collins, Thomas, & Co. Ltd.
Custance, J. C., & Co. Ltd.
Gilbert, G. & R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Mason, W. F., Ltd.
Mono Universal Bakery Machinery
Mulco Products
Oddy Ltd.
Payne, F. C., & Co.
Reads & Barrons
Record Bakery Equipment Co. Ltd.

## DOUGH BRAKES

*See Brakes (Dough)*

## DOUGH DIVIDERS

*See Dividers (Dough)*

### DOUGH KNEADERS & MIXERS

*See Kneaders & Mixers (Dough)*

### DOUGH LAMINATORS

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Burgess Eng. Ltd.
Gilbert, G. & R., Ltd.
Johnson, Fred (Machinery) Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Robinson, W. S., & Co.
Simon-Vicars Ltd.

### DOUGH MOULDERS

*See Moulders (Dough)*

### DOUGHNUT COOKERS

*See Cookers (Doughnut)*

### DOUGHNUT MACHINES (RING)

Custance, J. C., & Co. Ltd.
DCA Industries Ltd.
Gilbert, G. & R., Ltd.

### DOUGH SHEETING MACHINES

Baker Perkins Ltd.
Beckett, W., Sons & Co.
Burgess Eng. Ltd.
Collins, Thomas, & Co. Ltd.
Custance, J. C., & Co. Ltd.
Gilbert, G. & R. Ltd.
Johnson, Fred (Machinery) Ltd.
Manex & Co.
Mono Universal Bakery Machinery
Oddy Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Record Bakery Equipment
Robinson, W. S., & Co. Ltd.
Simon-Vicars Ltd.

### DRAGEE PANS

*See Pans (Dragee)*

### DROP PRESSES

Bartleet, Norman, Ltd.
Butterley Engineering Co. Ltd.
Robinson, W. S., & Co.

### DROP ROLLERS

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Robinson, W. S., & Co.

### DRYERS (AIR)

A.P.V.-Mitchell (Dryers) Ltd.
British Ceca Co. Ltd.
Canterbury Conveyors Ltd.
**Carrier Engineering Co. Ltd.**
Heather Filters Ltd.
Holmes, W. C., & Co. Ltd.
Hydrovane Compressor Co. Ltd.
**Lacy-Hulbert & Co. Ltd.**
Lightfoot Refrigeration Co. Ltd.
Ling Systems Ltd.
Luwa (U.K.) Ltd.
Minikay Ltd.
Overstall & Sons Ltd.
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Proctor Dalglish
Rapmac Ltd.
Rimer-Birlec Ltd.
Rotaire Driers Ltd.
Royles Ltd.
Simon-Barron Ltd.
Spiral Tube (Heat Transfer) Ltd.
Stewart Gill & Co. Ltd.
Supervents Ltd.
**Tomlinsons (Rochdale) Ltd.**
White, Arthur, Processed Plant Ltd.
York Division of Borg-Warner

### DRYERS (ALMOND)

A.P.V.-Mitchell (Dryers) Ltd.
**Bramigk & Co. Ltd.**
Buell Ltd.
Jonge Poerink (UK) Ltd.
Leader, Denis, Ltd.
Minikay Ltd.
Newell Dunford Engineering Ltd.

Proctor Dalglish
Rosin Eng. Co. Ltd.
Tomlinsons (Rochdale) Ltd.
White, Arthur, Processed Plant Ltd.

## DRYERS (BISCUIT RUSK)

A.P.V.-Mitchell (Dryers) Ltd.
Buell Ltd.
Gilbert, G. & R., Ltd.
Jonge Poerink (UK) Ltd.
Minikay Ltd.
Newell Dunford Engineering Ltd.
Proctor Dalglish
Spooner Food Machinery Engineering Co. Ltd.
Tomlinsons (Rochdale) Ltd.
White, Arthur, Processed Plant Ltd.

## DRYERS (BLOOD)

Cornwell Products Ltd.
Douglas-Rownson Ltd.
Iwel Engineering Ltd.
Minikay Ltd.
Proctor Dalglish
Selo-Bollans Ltd.
White, Arthur, Processed Plant Ltd.

## DRYERS (BREADCRUMB)

A.P.V.-Mitchell (Dryers) Ltd.
Apex Construction Ltd.
Buell Ltd.
Gilbert, G. & R., Ltd.
Leader, Denis, Ltd.
Minikay Ltd.
Newell Dunford Engineering Ltd.
Petrie & McNaught Ltd.
Proctor Dalglish
Rosin Eng. Co. Ltd.
Spooner Food Machinery Eng. Co.
White, Arthur, Processed Plant Ltd.

## DRYERS (CAN)

Berendsen, S., Ltd.
Europack Eng. Co. Ltd.
Food Process Installations
Jonge Poerink (UK) Ltd.
Metal Box Co. Ltd.
Van den Bergh Walkinshaw

## DRYERS (CAN END)

Alexandra Separator Co. Ltd.
Berendsen, S., Ltd.
Europack Eng. Co. Ltd.
Grace, W. R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Jonge Poerink (UK) Ltd.
Mather & Platt Ltd.
Minikay Ltd.

## DRYERS (CAP COMPOUND)

Grace, W. R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Jonge Poerink (UK) Ltd.
Minikay Ltd.

## DRYERS (CONTINUOUS)

A.P.V.-Mitchell (Dryers) Ltd.
Allmet, Oliver Douglas Ltd.
Apex Construction Ltd.
Babcock & Wilcox (Operations) Ltd.
Balfour, Henry, & Co. Ltd.
British Rema Mfg. Co. Ltd.
Buell Ltd.
Buhler-Miag (England) Ltd.
Carrier Engineering Co. Ltd.
Cornwell Products Ltd.
Holmes, W. C., & Co. Ltd.
Hygrotherm Eng. Ltd.
Jonge Poerink (UK) Ltd.
Leader, Denis, Ltd.
Ling Systems Ltd.
M.I.D. (Europa) Ltd.
Minikay Ltd.
Newell Dunford Engineering Ltd.
Overstall & Sons Ltd.
Payne, F. C., & Co.
Petrie & McNaught Ltd.
Proctor Dalglish
Radyne Ltd.
Rosin Eng. Co. Ltd.
Sandvik Conveyors Ltd.
Simon, Richard, & Sons Ltd.
Spooner Food Machinery Eng. Co.
Tomlinsons (Rochdale) Ltd
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### DRYERS (FISH)

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Buell Ltd.
Holdan Engineers (London) Ltd.
Iwel Engineering Ltd.
Jenkins, W. J., & Co. Ltd.
Minikay Ltd.

### DRYERS (FLOUR)

A.P.V.-Mitchell (Dryers) Ltd.
Buell Ltd.
Cornwell Products Ltd.
Gardners of Gloucester
Hygrotherm Eng. Ltd.
Minikay Ltd.
Newell Dunford Engineering Ltd.
Rosin Eng. Co. Ltd.
Simon, Richard, & Sons Ltd.

### DRYERS (FLUIDISED BED)

A.P.V.-Mitchell (Dryers) Ltd.
Anglo Continental Machines Ltd.
Apex Construction Ltd.
British Rema Mfg. Co. Ltd.
Buell Ltd.
Calmic Engineering Div.
Cornwell Products Ltd.
Foodtech Ltd.
Holmes, W. C., & Co. Ltd.
Hygrotherm Eng. Ltd.
Ling Systems Ltd.
M.I.D. (Europa) Ltd.
Manesty Machines Ltd.
Petrie & McNaught Ltd.
Rimer-Birlec Ltd.
Rosin Eng. Co. Ltd.
Vincent Processes Ltd.
White, Arthur, Processed Plant Ltd.

### DRYERS (GRAIN)

A.P.V.-Mitchell (Dryers) Ltd.
Babcock & Wilcox (Operations)
Buell Ltd.
Buhler-Miag (England) Ltd.
Butterley Engineering Co. Ltd.
Davidson & Co. Ltd.
Grant, Lewis C., Ltd.
Holmes, W. C., & Co. Ltd.
Hygrotherm Eng. Ltd.
Jeffery Engineering Co. Ltd.
Jenkins of Retford Ltd.
Leader, Denis, Ltd.
Ling Systems Ltd.
Minikay Ltd.
Newell Dunford Engineering Ltd.
Perkins Boilers Ltd.
Petrie & McNaught Ltd.
Ramsden, R., & Son Ltd.
Robinson, Thomas, & Son Ltd.
Rosin Eng. Co. Ltd.
Simon Handling Engineers Ltd.
Simon, Henry, Ltd.
Simon, Richard, & Sons Ltd.
White, Arthur, Processed Plant Ltd.
Willis Europlant Ltd.

### DRYERS (HIGH FREQUENCY)

Intertherm Ltd.
Radyne Ltd.
Rimer-Birlec Ltd.

### DRYERS (HOT AIR)

A.P.V.-Mitchell (Dryers) Ltd.
Allmet, Oliver Douglas Ltd.
Apex Construction Ltd.
Bramigk & Co. Ltd.
British Rema Mfg. Co. Ltd.
Canterbury Conveyors Ltd.
Carrier Engineering Co. Ltd.
Davidson & Co. Ltd.
Edlon Machinery Co. Ltd.
Food Process Installations
Gilbert, G. & R., Ltd.
Holmes, W. C., & Co. Ltd.
Jenkins of Retford Ltd.
Leader, Denis, Ltd.
Ling Systems Ltd.
M.I.D. (Europa) Ltd.
Metal Box Co. Ltd.
Minikay Ltd.
Newell Dunford Engineering Ltd.
Overstall & Sons Ltd.
Perkins Boilers Ltd.
Petrie & McNaught Ltd.
Proctor Dalglish
Robinson, Thomas, & Son Ltd.
Rosin Eng. Co. Ltd.

Sandvik Conveyors Ltd.
Simon-Barron Ltd.
Simon, Richard, & Sons Ltd.
Stewart Gill & Co. Ltd.
Tomlinsons (Rochdale) Ltd.
Vickers-Dawson
Wellman Incandescent Ltd.
White, Arthur, Processed Plant Ltd.

### DRYERS (INFRA-RED)

Edlon Machinery Co. Ltd.
F. & C. Engineering Works
Filling Machines Ltd.
Gardners of Gloucester.
Gilbert, G. & R., Ltd.
Hanovia Lamps Ltd.
Jonge Poerink (UK) Ltd.
Metal Box Co. Ltd.
Overstall & Sons Ltd.
Proctor Dalglish
Sandvik Conveyors Ltd.
Stabilag Engineering Ltd.
Stewart Gill & Co. Ltd.
Tomlinsons (Rochdale) Ltd.

### DRYERS (PAN)

A.P.V.-Mitchell (Dryers) Ltd.
Allmet, Oliver Douglas Ltd.
Apex Construction Ltd.
Clarke Chapman Ltd.
Minikay Ltd.

### DRYERS (PNEUMATIC)

A.P.V.-Mitchell (Dryers) Ltd.
Aldersley Engineers Ltd.
Balfour, Henry, & Co. Ltd.
British Rema Mfg. Co. Ltd.
Canterbury Conveyors Ltd.
Cornwell Products Ltd.
Leader, Denis, Ltd.
Ling Systems Ltd.
Minikay Ltd.
Newell Dunford Eng. Ltd.
Proctor Dalglish
Rimer-Birlec Ltd.
Rosin Eng. Co. Ltd.
Wellman Incandescent Ltd.

### DRYERS (RADIANT HEAT)

Edlon Machinery Co. Ltd.
Gilbert, G. & R., Ltd.
Hanovia Lamps Ltd.
Jonge Poerink (UK) Ltd.
Sandvik Conveyors Ltd.
Stabilag Engineering Ltd.
Stewart Gill & Co. Ltd.

### DRYERS (RING)

Rosin Eng. Co. Ltd.

### DRYERS (ROLLER FILM)

A.P.V.-Mitchell (Dryers) Ltd.
M.I.D. (Europa) Ltd.
Minikay Ltd.
Rosin Eng. Co. Ltd.
Simon, Richard, & Sons Ltd.
Willis Europlant Ltd.

### DRYERS (ROTARY CELLULAR)

Buell Ltd.
Jenkins of Retford Ltd.
Rosin Eng. Co. Ltd.
Rotaire Driers Ltd.
Simon, Richard, & Sons Ltd.

### DRYERS (ROTARY LOUVRE)

A.P.V.-Mitchell (Dryers) Ltd.
M.I.D. (Europa) Ltd.
Newell Dunford Engineering Ltd.
Rosin Eng. Co. Ltd.

### DRYERS (ROTARY TUBULAR)

A.P.V.-Mitchell (Dryers) Ltd.
Apex Construction Ltd.
Balfour, Henry, & Co. Ltd.
Buell Ltd.
Clarke Chapman Ltd.
Jenkins of Retford Ltd.
Rosin Eng. Co. Ltd.
Shaw, A. J., Co.
Simon, Richard, & Sons Ltd.
Tomlinsons (Rochdale) Ltd.
Willis Europlant Ltd.

### DRYERS (SALT)

A.P.V.-Mitchell (Dryers) Ltd.
Buell Ltd.
Leader, Denis, Ltd.
Minikay Ltd.
Newell Dunford Engineering Ltd.
Rosin Eng. Co. Ltd.
Simon, Richard, & Sons Ltd.
Tomlinsons (Rochdale) Ltd.

### DRYERS (SPRAY)

A.P.V. Co. Ltd.
A.P.V.-Mitchell (Dryers) Ltd.
Apex Construction Ltd.
Balfour, Henry, & Co. Ltd.
Cornwell Products Ltd.
Johnson, A., & Co. (London)
M.I.D. (Europa) Ltd.
Maitlands (Metal Works) Ltd.
Van den Bergh Walkinshaw
Wellman Incandescent Ltd.

### DRYERS (TEA)

A.P.V.-Mitchell (Dryers) Ltd.
Davidson & Co. Ltd.
Marshall's Tea Machinery Co.
Minikay Ltd.
Van den Bergh Walkinshaw
White, Arthur, Processed Plant Ltd.

### DRYERS (TUNNEL)

A.P.V.-Mitchell (Dryers) Ltd.
Allmet, Oliver Douglas Ltd.
Apex Construction Ltd.
British Miller Hydro Co. Ltd.
Coolmota Ltd.
Davidson & Co. Ltd.
F. & C. Engineering Works
Gilbert, G. & R., Ltd.
Jonge Poerink (UK) Ltd.
M.I.D. (Europa) Ltd.
Metal Box Co. Ltd.
Minikay Ltd.
Novotechnics Ltd.
Overstall & Sons Ltd.
Petrie & McNaught Ltd.
Proctor Dalglish
Rapmac Ltd.
Rosin Eng. Co. Ltd.
Sandvik Conveyors Ltd.
Spooner Food Machinery Engineering Co. Ltd.
Stabilag Engineering Ltd.
Stewart Gill & Co. Ltd.
Tomlinsons (Rochdale) Ltd.
Vickers-Dawson
Walter Denis Contacts Co. Ltd.

### DRYERS (VACUUM)

A.P.V.-Mitchell (Dryers) Ltd.
Apex Construction Ltd.
B.V.C. Ltd.
Balfour, Henry, & Co. Ltd.
Buhler-Miag (England) Ltd.
Calmic Engineering Div.
Cimex Ltd.
Edwards High Vacuum
Gardners of Gloucester
General Engineering Co.
Leader, Denis, Ltd.
Leybold-Heraeus Ltd.
Luwa (U.K.) Ltd.
Nautamix (U.K.) Ltd.
Pennwalt Ltd.
Rosin Eng. Co. Ltd.
Winkworth Machinery Ltd.

### DRYERS (VACUUM) band

Balfour, Henry & Co. Ltd.
Rosin Eng. Co. Ltd.

### DRYERS (VERTICAL SHELF)

A.P.V.-Mitchell (Dryers) Ltd.
Apex Construction Ltd.
Balfour, Henry & Co. Ltd.
Buell Ltd.
Luwa (U.K.) Ltd.
Rosin Eng. Co. Ltd.
Tomlinsons (Rochdale) Ltd.

### DRYERS (YEAST)

Willis Europlant Ltd.

### DRYING MACHINES (BARLEY)

Buell Ltd.
Buhler-Miag (England) Ltd.
Burgess, Thomas, & Son
Leader, Denis, Ltd.
Minikay Ltd.
Robinson, Thomas, & Son Ltd.
Simon Handling Engineers Ltd.
Simon, Henry, Ltd.
Simon, Richard, & Sons Ltd.
White, Arthur, Processed Plant Ltd.
Willis Europlant Ltd.

### DRYING MACHINES (BOTTLE)

Allmet, Oliver Douglas Ltd.
Apex Contruction Ltd.
Beam Engineering Products Ltd.
Bosch, Robert, Packaging Machinery
Bratby & Hinchliffe Ltd.
British Miller Hydro Co. Ltd.
Clayton, George S., Ltd.
Gimson & Co. (Leicester) Ltd.
Hill, Thomas, Engineering Co (Hull) Ltd.
Minikay Ltd.
Powley, R., & Sons Ltd.
Robinson, W. S., & Co.
Van den Bergh Walkinshaw
Vickers-Dawson

### DRYING MACHINES (POTATO)

A.P.V.-Mitchell (Dryers) Ltd.
Buell Ltd.
Edmonds, P. J., Ltd.
Hart, W. J., & Sons (London)
M.I.D. (Europa) Ltd.
Metromethods Ltd.
Minikay Ltd.
Novotechnics Ltd.
Proctor Dalglish
Rosin Eng. Co. Ltd.
Simon, Richard, & Sons Ltd.
Tomlinsons (Rochdale) Ltd.
Watten Emulsifying Machines Ltd.

### DRYING PLANT (ELECTRONIC)

Minikay Ltd.
Radyne Ltd.

### DRYING & SWEATING MACHINES (BARLEY)

Minikay Ltd.
Simon, Henry, Ltd.

### DUST COLLECTING MACHINES

Acme Conveyors & Construction
B.V.C. Ltd.
Baldock & Pearce Ltd.
Buell Ltd.
Buhler-Miag (England) Ltd.
Carter Thermal Industries
Cimex Ltd.
Convertex Machinery Ltd.
Davidson & Co. Ltd.
Dust Control Equipment Ltd.
Holmes, W. C., & Co. Ltd.
King, Geo. W., Ltd.
Lamson Engineering Co. Ltd.
Mikropul Ltd.
Newell Dunford Engineering Ltd.
Robinson, Thomas, & Son Ltd.
Serck Visco
Simon-Barron Ltd.
Simon, Henry, Ltd.
Sturtevant Engineering Co. Ltd
Tomlinsons (Rochdale) Ltd.
Wellman Incandescent Ltd.

### DUST PRECIPITATORS (ELECTROSTATIC)

Buell Ltd.
Holmes, W. C., & Co. Ltd.
Locker Industries Ltd.
Sturtevant Engineering Co. Ltd.

### EDIBLE OIL PLANT

Alfa-Laval Co. Ltd.
Asme Vessels Ltd.
Ataroth Ltd.
Balfour, Henry, & Co. Ltd.
Convertex Machinery Ltd.
Douglas-Rownson Ltd.
Engelmann & Buckham Ltd.

Iwel Engineering Ltd.
Johnson, A., & Co. (London) Ltd.
Johnson Progress Ltd.
Pennwalt Ltd.
Plenty & Son Ltd.
SSV Ltd.
Shaw, A. J., Co.
Simon-Rosedowns Ltd.
Telcon-Process
Van den Bergh Walkinshaw
Westfalia Separator Ltd.

## EFFLUENT TREATMENT PLANT

A.P.V. Co. Ltd.
A.P.V.-Mitchell Ltd.
Acalor (1948) Ltd.
Braby Group Ltd. (Bristol)
British Ceca Co. Ltd.
Clarke Chapman Ltd.,
  Int. Combustion Div.
Cornwell Products Ltd.
Film Cooling Towers (1925) Ltd.
Forbes, Kenneth, (Plastics) Ltd.
GEC Diesels Ltd.
Haworth, F., (A.R.C.) Ltd.
Hygrotherm Eng. Ltd.
I. & P. Chemical Engineers Ltd.
Johnson Progress Ltd.
M. & M. Process Equipment Ltd.
Manor Engineering Co. Ltd.
Metering Pumps Ltd.
Moritz Chemical Eng. Ltd.
P.D. Process Engineering
Pennwalt Ltd.
Permutit-Boby Ltd.
Plenty & Son Ltd.
Sala Neldco Ltd.
Serck Water Processing
Simon-Hartley Ltd.
Stockdale Engineering Ltd.
Urschel International Ltd.
Van den Bergh Walkinshaw
Wright Machinery Co.

## EJECTOR HYDRO (PEA & BEAN)

Holland, Peter, (Food Machinery) Ltd.
New Haden Pumps Ltd.
Van den Bergh & Partners Ltd.

## ELECTROMAGNETS

Electromagnets Ltd.
Industrial Magnets Ltd.
Rapid Magnetic Ltd.
Simon-Barron Ltd.

## ELECTRONIC EQUIPMENT

Arcall Ltd.
Autopack Ltd.
**Electropower Gears Ltd.**
**Fielden Electronics Ltd.**
Fords (Finsbury) Ltd.
Foxboro-Yoxall Ltd.
G.E.C.-Elliott Process Automation
G.E.C.-Elliott Process Instruments
**Goring Kerr Ltd.**
Grantham Electrical Eng. Co. Ltd.
Lock, A. M., & Co. Ltd.
Londex Ltd.
Marconi Instruments Ltd.
Pye Electric Ltd.
Radiovisor Parent Ltd.
Radyne Ltd.
Smiths Industries Ltd.
Telomex (Horsham) Ltd.
Thermotank Ltd.

## ELEVATORS (BOTTLE)

Albro Fillers & Engineering
Beam Engineering Products
Bennett Swiftline Ltd.
Clayton, George S., Ltd.
Collis Mechanical Handling Ltd.
Dairy Supply Co.
Davies, Pritchard & Richmond Ltd.
Emhart (U.K.) Ltd.
Gimson & Co. (Leicester) Ltd.
Helifit Engineering Ltd.
Hill, Thomas, Engineering
  Co. (Hull) Ltd.
Lowe, Henry, (Lifts) Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
North Acton Conveyor &
  Elevator Co. Ltd.
Paterson Hughes Engineering
Sovex Marshall Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson

## ELEVATORS (CAN)

Arcall Ltd.
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Clayton, George S., Ltd.
Collis Mechanical Handling Ltd.
Dairy Supply Co.
Davies, Pritchard & Richmond Ltd.
Europack Eng. Co. Ltd.
FMC Corporation (U.K.) Ltd.
Food Process Installations
Hart, W. J., & Sons (London) Ltd.
Helifit Engineering Ltd.
Holland, Peter, (Food Machinery)
Industrial Magnets Ltd.
Ling Systems Ltd.
Manufacturers Equipment Co. Ltd.
Mather & Platt Ltd.
Metal Box Co. Ltd.
Sovex Marshall Ltd.
Van den Bergh Walkinshaw

## ELEVATORS (CASE & CRATE)

Baldock & Pearce Ltd.
Beam Engineering Products Ltd.
Bennett Swiftline Ltd.
Brimpex Eccles Co. Ltd.
Collis Mechanical Handling Ltd.
Dairy Supply Co.
Davies, Pritchard & Richmond
F. & C. Engineering Works
Food Process Installations
G.E.C.-Elliott Mechanical Handling Ltd.
Gimson & Co. (Leicester) Ltd.
Gough & Co. (Hanley) Ltd.
Helifit Engineering Ltd.
Hill, Thomas, Engineering
Hunter, G., (London) Ltd.
Jonge Poerink (UK) Ltd.
Ling Systems Ltd.
Lodematic Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Metromethods Ltd.
North Acton Conveyor & Elevator Co. Ltd.
Overstall & Sons Ltd.
Paterson Hughes Engineering Co.
Pontifex, H., & Sons Ltd.
Powell & Co.
Power Lifts Ltd.
Purdy Machinery Co. Ltd.
Ramsden, R., & Son Ltd.
Selo-Bollans Ltd.
Slingsby, H. C., Ltd.
Sovex Marshall Ltd.
Tyne Truck & Trolley Co. Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Wilmat Handling Co. Ltd.

## ELEVATORS (CHAIN & BUCKET)

Acme Conveyors & Construction Ltd.
Artofex Engineering Works Ltd.
Baldock & Pearce Ltd.
Barraclough, R. W., Ltd.
Bartleet, Norman, Ltd.
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Bosch, Robert, Packaging Machinery
Buhler-Miag (England) Ltd.
Butterley Engineering Co. Ltd.
Callow Engineering Ltd.
Clarke Chapman Ltd.,
Int. Combustion Div.
Collis Mechanical Handling Ltd.
Driver Southall Ltd.
Food Process Installations
G.E.C.-Elliott Mechanical Handling Ltd.
Gardners of Gloucester
Gough & Co. (Hanley) Ltd.
Guylew Manufacturing Co. Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London)
Holland, Peter, (Food Machinery)
Hunter, G., (London), Ltd.
Iwel Engineering Ltd.
Jenkins of Retford Ltd.
Jonge Poerink (UK) Ltd.
Marryat Handling Ltd.
Mather & Platt Ltd.

North Acton Conveyor & Elevator Co. Ltd.
Overstall & Sons Ltd.
Paterson Hughes Engineering
Robinson, Thomas, & Son Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Sovex Marshall Ltd.
Stott, S. S., Ltd.
Uesco Ltd.
Vickers Ltd. Engineering Group
Wright Machinery Co. Ltd.

### ELEVATORS (FRUIT & VEGETABLE)

Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Canterbury Conveyors Ltd.
Collis Mechanical Handling Ltd.
FMC Corporation (U.K.) Ltd.
Food Process Installations
Giusti, T., & Son Ltd.
Gough & Co. (Hanley) Ltd.
Hart, W. J., & Sons (London)
Helifit Engineering Ltd.
Holland, Peter, (Food Machinery)
Hunter, G., (London) Ltd.
Ling Systems Ltd.
M. & M. Process Equipment Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Mather & Platt Ltd.
Metromethods Ltd.
North Acton Conveyor & Elevator Co. Ltd.
Novotechnics Ltd.
Numec Ltd.
Paterson Hughes Engineering
Sovex Marshall Ltd.
Valley Automation Ltd.
Watten Emulsifying Machines Ltd.

### ELEVATORS (GRAIN)

Ajax Equipment (Bolton) Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Canterbury Conveyors Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
General Electric Co. Ltd.
Grant, Lewis C., Ltd.
Hunter, G., (London) Ltd.
Leader, Denis, Ltd.
Marryat Handling Ltd.
Mather, Alexr., & Son Ltd.
Mather & Platt Ltd.
Mulcott Belting Co. Ltd.
Norris, D. C., & Co. Ltd.
North Acton Conveyor & Elevator Co. Ltd.
Numec Ltd.
Overstall & Sons Ltd.
Redler Conveyors Ltd.
Robinson, Thomas, & Son Ltd.
Simon-Barron Ltd.
Simon Handling Engineers Ltd.
Simon, Henry, Ltd.
Sovex Marshall Ltd.
Stott, S. S., Ltd.
Uesco Ltd.
Willis Europlant Ltd.

### ELEVATORS (PORTABLE)

Access Equipment Ltd.
Acme Conveyors & Construction
Ajax Equipment (Bolton) Ltd.
Canterbury Conveyors Ltd.
Collis Mechanical Handling Ltd.
Hansel, Otto, Machinery Ltd.
Helifit Engineering Ltd.
Hunter, G., (London) Ltd.
Kek Ltd.
Leader, Denis, Ltd.
Ling Systems Ltd.
Lodematic Ltd.
M. & M. Process Equipment Ltd.
Manufacturers Equipment Co.
Marryat Handling Ltd.
Metromethods Ltd.
Norris, D. C., & Co. Ltd.
North Acton Conveyor & Elevator
Numec Ltd.
Omic Ltd.
Paterson Hughes Engineering
Russell Finex Ltd.
Selo-Bollans Ltd.
Sovex Marshall Ltd.

Tyne Truck & Trolley Co. Ltd.
Uesco Ltd.
Wilmat Handling Co. Ltd.

## ELEVATORS (SACK)

Brimpex Eccles Co. Ltd.
Burgess Eng Ltd.
Canterbury Conveyors Ltd.
Collis Mechanical Handling Ltd.
Coolmota Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Gimson & Co. (Leicester) Ltd.
Gough & Co. (Hanley) Ltd.
Helifit Engineering Ltd.
Hunter, G., (London) Ltd.
Jonge Poerink (UK) Ltd.
Lodematic Ltd.
Manufacturers Equipment Co.
Marryat Handling Ltd.
Metromethods Ltd.
North Acton Conveyor & Elevator Co. Ltd.
Overstall & Sons Ltd.
Paterson Hughes Engineering
Powell & Co.
Robinson, Thomas, & Son Ltd.
Selo-Bollans Ltd.
Simon Handling Engineers Ltd.
Simon, Henry, Ltd.
Slingsby, H. C., Ltd.
Sovex Marshall Ltd.
Van den Bergh Walkinshaw
Wilmat Handling Co. Ltd.

## ELEVATORS (SPIRAL)

Ajax Equipment (Bolton) Ltd.
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Canterbury Conveyors Ltd.
Coolmota Ltd.
Driver Southall Ltd.
Gardners of Gloucester
Giusti, T., & Son Ltd.
Greer, J. W., Co. Ltd.
Iwel Engineering Ltd.
Marryat Handling Ltd.
Mulco Products
Norris, D. C., & Co. Ltd.
Novotechnics Ltd.
Overstall & Sons Ltd.
Podmores (Engineers) Ltd.
Robinson, W. S., & Co.
Selo-Bollans Ltd.
Simon-Barron Ltd.
Sovex Marshall Ltd.
Uesco Ltd.
Valley Automation Ltd.
Watten Emulsifying Machines Ltd.

## ELEVATORS & CONVEYORS (FISH)

ABR Food Machinery Co. Ltd.
Aldersley Engineers Ltd.
Bennett Swiftline Ltd.
Collis Mechanical Handling Ltd.
Driver Southall Ltd.
Farrow & Jackson Ltd.
Food Process Installations
Gough & Co. (Hanley) Ltd.
Helifit Engineering Ltd.
Hunter, G., (London) Ltd.
Jonge Poerink (UK) Ltd.
Manufacturers Equipment Co.
Marryat Handling Ltd.
North Acton Conveyor & Elevato
Numec Ltd.
Sandvik Conveyors Ltd.
Selo-Bollans Ltd.
Simon-Barron Ltd.
Sovex Marshall Ltd.
Uesco Ltd.
Wetter, J. C., & Co.
Wilmat Handling Co. Ltd.

## ELEVATORS & HOISTS (BARREL & DRUM)

Access Equipment Ltd.
Brimpex Eccles Co. Ltd.
Collis Mechanical Handling Ltd.
Foodtech Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Gimson & Co. (Leicester) Ltd.
Gough & Co. (Hanley) Ltd.
Hall, J. & E., Ltd.
Hunter, G., (London) Ltd.

Industrial Trucks Ltd.
Lodematic Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
North Acton Conveyor & Elevator
Overstall & Sons Ltd.
Paterson Hughes Engineering Co.
Powell & Co.
Power Lifts Ltd.
Russell Finex Ltd.
Selo-Bollans Ltd.
Slingsby, H. C., Ltd.
Sovex Marshall Ltd.
Wilmat Handling Co. Ltd.

## EMBOSSING CUTTERS

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Payne, F. C., & Co.
Robinson, W. S., & Co.
Simon-Vicars Ltd.

## EMBOSSING MACHINES

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Edlon Machinery Co. Ltd.
Lotz Abbott & Co. Ltd.
Metal Box Co. Ltd.
Milford-Astor Ltd.
Overstall & Sons Ltd.
Payne, F. C., & Co.
Pearson Panke Ltd.
Robinson, W. S., & Co.
Simon-Vicars Ltd.

## EMULSIFIERS

Airmec Ltd.
Albrin Products Ltd.
Alfa-Laval Co. Ltd.
Alfred & Co. Ltd.
Apex Construction Ltd.
Dairy Supply Co.
Foodtech Ltd.
Giusti, T., & Son Ltd.
Hardaker, John T.,
(Food Machinery) Ltd.
Hiron & Rempler Ltd.
ITC Systems
Kek Ltd.
Lang-London-Ltd.
M. & M. Process Equipment Ltd.
Moritz Chemical Engineering
Novotechnics Ltd.
Orthos (Engineering) Ltd.
RHM Ingredient Supplies Ltd.
Robinson, W. S., & Co. Ltd.
Telcon-Process
Ultrasonics Ltd.
Urschel International Ltd.
Wetter, J. C., & Co.

## ENROBERS

Alfred & Co. Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Becketts Bakery Engineers Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Custance, J. C., & Co. Ltd.
Gilbert, G. & R., Ltd.
Greer, J. W., Co. Ltd.
Guylew Manufacturing Co. Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London)
Jahn (Huntingdon) Ltd.
Mono Universal Bakery Machinery
Oddy Ltd.
Payne, F. C., & Co. Ltd.
Pelkman, John, Eng. Co.
Robinson, W. S., & Co.
Selo-Bollans Ltd.
Vanmar Products Ltd.
Walter Denis Contacts Co. Ltd.

## ESSENTIAL OIL PLANT

Apex Construction Ltd.
Brierley, Collier &
Hartley Equipment Ltd.
Giusti, T., & Son Ltd.
Jobling, James A., & Co. Ltd.
Johnson, A., & Co. (London) Ltd.
Leybold-Heraeus Ltd.
Pennwalt Ltd.
Plenty & Son. Ltd.
Shaw, A. J., Co.
Telcon-Process
Welch, J. A., (Plant & Vessel)

**EUTECTIC INSERTS**

A.P. Manufacturing Co. Ltd.
Alfred & Co. Ltd.
Associated Metal Works (Glasgow)

**EVAPORATED MILK PLANT**

A.P.V. Co. Ltd.
Aiton & Co. Ltd.
Alexandra Separator Co. Ltd.
Beth Label & Wrapper Machines
Cornwell Products Ltd.
Johnson, A., & Co. (London) Ltd.
Luwa (U.K.) Ltd.
Mason & Morton Ltd.
Mather & Platt Ltd.
Mojonnier Bros. Co.
Morton, Robert, DG Ltd.
Orthos (Engineering) Ltd.
Plenty & Son Ltd.
Pontifex, H., & Sons Ltd.
Van den Bergh Walkinshaw
Welch, J. A., (Plant & Vessel) Ltd.
Wright Hargreaves Eng. Co.

**EVAPORATORS**

A.P.V. Co. Ltd.
Apex Construction Ltd.
Asme Vessels Ltd.
Balfour, Henry, & Co. Ltd.
Blairs Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Clarke Chapman Ltd.
Cornwell Products Ltd.
Dairy Supply Co.
Escher-Wyss (U.K.) Ltd.
Giusti, T., & Son Ltd.
Improvair Ltd.
Jobling, James A., & Co. Ltd.
Johnson, A., & Co. (London) Ltd.
Luwa (U.K.) Ltd.
Machinery Continental Packaging
Marston Excelsior Ltd.
Minikay Ltd.
Mojonnier Bros. Co.
Morton, Robert, DG Ltd.
Prestcold Ltd.
Ramsden, R., & Son Ltd.
Rapmac Ltd.
SSV Ltd.
Van den Bergh Walkinshaw
Vincent Processes Ltd.
Welch, J. A., (Plant & Vessel)
Wellman Incandescent Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co. Ltd.

**EVAPORATORS (SALT)**

Blairs Ltd.
Wellman Incandescent Ltd.

**EXHAUSTERS**

Associated Electrical Industries
B.V.C. Ltd.
Bivac Air Co. Ltd.
Bog Jorgensen Ltd.
Compair Industrial Ltd.
Davidson & Co. Ltd.
FMC Corporation (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Holmes, W. C., & Co. Ltd.
Lacy-Hulbert & Co. Ltd.
Mather & Platt Ltd.
Mucon Eng. Co. Ltd.
Northey Rotary Compressors Ltd
Sturtevant Engineering Co. Ltd.
Supervents Ltd.

**EXTRACTORS**

Brierley, Collier & Hartley
  Equipment Ltd.
Broadbent, Thomas, & Sons Ltd.
Improvair Ltd.
Iwel Engineering Ltd.
M. & M. Process Equipment Ltd.
Selo-Bollans Ltd.
Simon-Rosedowns Ltd.
Stockdale Engineering Ltd.

**EXTRUDING MACHINES**

A.P.V.-Mitchell (Dryers) Ltd.
ABR Food Machinery Co. Ltd.
Baker Perkins Ltd.
Balfour, Henry, & Co. Ltd.
Bartleet, Norman, Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
Burgess Eng. Ltd.

Convertex Machinery Ltd.
Coupe, Clifford, Ltd.
Filling Machines Ltd.
Hansel, Otto, Machinery Ltd.
Jahn, F., & Co. Ltd.
Johnson, Fred (Machinery) Ltd.
Leader, Denis, Ltd.
Metal Units
Oddy Ltd.
Orthos (Engineering) Ltd.
Payne, F. C., & Co.
Petzold, Henry, & Co.
Record Bakery Equipment Co.
Robinson, W. S., & Co. Ltd.
Rosin Eng. Co. Ltd.
Simon-Vicars Ltd.
Steetley Co. Ltd.
Uesco Ltd.
Vickers Ltd., Engineering Group
Wetter, J. C., & Co.
Wright Machinery Co. Ltd.

## FANS

Air Control Installations Ltd.
Alfred & Co. Ltd.
Bartleet, Norman, Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
Buhler-Miag (England) Ltd.
Carter Thermal Industries
Colt Ventilation & Heating Ltd.
Crompton Parkinson Ltd.
Davidson & Co. Ltd.
Improvair Ltd.
Ling Systems Ltd.
Sturtevant Engineering Co. Ltd.
Supervents Ltd.
Tomlinsons (Rochdale) Ltd.
Walter Denis Contacts Co. Ltd.
Woods of Colchester Ltd.

## FAT REFINING PLANT

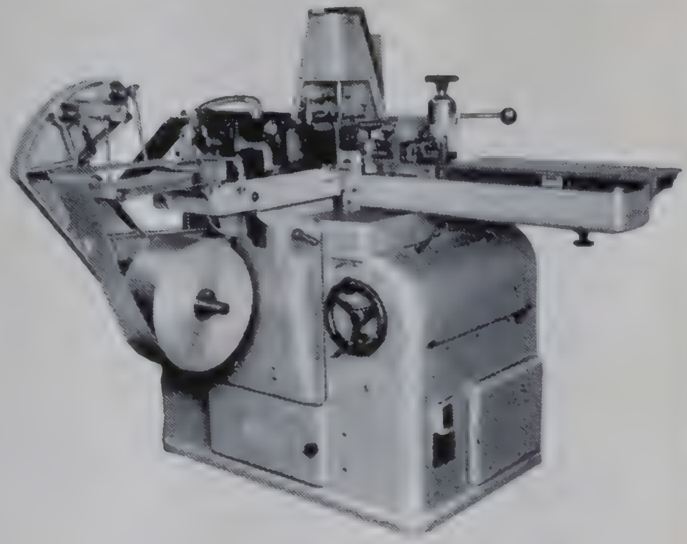
Alfa-Laval Co. Ltd.
Asme Vessels Ltd.
Balfour, Henry, & Co. Ltd.
Boulton, William, Ltd.
Clarke Chapman Ltd.
Giusti, T., & Son Ltd.
Iwel Engineering Ltd.
Johnson, A., & Co. (London) Ltd.
Johnson Progress Ltd.
Pennwalt Ltd.
Plenty & Son Ltd.
Selo-Bollans Ltd.
Shaw, A. J., Co.
Simon-Rosedowns Ltd.
Westfalia Separator Ltd.

## FEEDERS

Adequate Weighers Ltd.
Ajax Equipment (Bolton) Ltd.
Baldock & Pearce Ltd.
Bartleet, Norman, Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Canterbury Conveyors Ltd.
Christy & Norris Ltd.
Clarke Chapman Ltd.,
  Int. Combustion Div.
Driver Southall Ltd.
Electromagnets Ltd.
Gardners of Gloucester
Giusti, T., & Son Ltd.
Guylew Manufacturing Co. Ltd.
Hansel, Otto, Machinery Ltd.
Holland, Peter, (Food Machinery)
Kek Ltd.
Leader, Denis, Ltd.
Locker Industries Ltd.
M.I.D. (Europa) Ltd.
Nautamix (U.K.) Ltd.
Oakes, E. T., Ltd.
Orthos (Engineering) Ltd.
Podmores (Engineers) Ltd.
Robinson, Thomas, & Son Ltd.
Russell Finex Ltd.
Sala Neldco Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Uesco Ltd.
Valley Automation Ltd.
Wallace & Tiernan Ltd.
Walter Denis Contacts Co. Ltd.

## FEEDERS (BATCH)

Ajax Equipment (Bolton) Ltd.
Avery Parsons
B.V.C. Ltd.



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Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Canterbury Conveyors Ltd.
Gardners of Gloucester
King, Geo. W., Ltd.
Leader, Denis, Ltd.
M.I.D. (Europa) Ltd.
Research & Control Instruments
Robinson, W. S., & Co.
Rose Forgrove Ltd.
Simon, Henry, Ltd.
Simon, Richard, & Sons Ltd.
Uesco Ltd.

## FIG BAR MACHINES

Baker Perkins Ltd.
Urschel International Ltd.

## FILLING MACHINES (AEROSOL)

Doboy Ltd.
Flexile Ltd.
Machinery Continental Packaging
Rockwell Pneumatic Scale Ltd.
Selo-Bollans Ltd.
Transmatic Fyllan Ltd.

## FILLING MACHINES (BAG)

Anglo Continental Machines Ltd.
Arenco-Alite Ltd.
Autopack Ltd.
Avery Parsons
Baker Perkins Ltd.
Bennett Swiftline Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Bristol Packaging Machines
British Hartford-Fairmont Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Driver Southall Ltd.
Emhart (U.K.) Ltd.
Filling Machines Ltd.
Formost Packaging Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Hill & Dolman (Engs.) Ltd.
Holland, Peter (Food Machinery)
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Lodematic Ltd.
Lotz Abbott & Co. Ltd.
Machinery Continental Packaging
Metal Box Co. Ltd.
Novotechnics Ltd.
Pacunion Ltd.
Petzold, Henry, & Co.
Rapmac Ltd.
Revel Controls Ltd.
Robinson, W. S., & Co.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Wrapping Machines Ltd.
Simon, Richard, & Sons Ltd.
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Vanmar Products Ltd.
Watten Emulsifying Machines Ltd.
Weighpack Ltd.
Wright Machinery Co. Ltd.

## FILLING MACHINES (BOTTLE)

Albro Fillers & Engineering
Anglo Continental Machines Ltd.
Arenco-Alite Ltd.
Autopack Ltd.
Balfour, Henry, & Co. Ltd.
Bancroft Fillers & Appliances
Banister Street Works Ltd.
Barthes-Roberts Ltd.
Becker Equipment & Lifts Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carlson-Ford Sales Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Dairy Supply Co.
Dico Packaging Engineers Ltd.
Doboy Ltd.
Engelmann & Buckham Ltd.
Erben, H., Ltd.
Filling Machines Ltd.
Flexile Ltd.
Graham-Enock Manufacturing

Gravfil Machines Ltd.
Hamilton Machinery Sales Ltd.
Hart, W. J., & Sons (London)
Hill, Thomas, Engineering Co. (Hull) Ltd.
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Machinery Continental Packaging
Mather & Platt Ltd.
Meyer Dumore Int. Ltd.
Neumo Ltd.
Novotechnics Ltd.
Pontifex, H., & Sons Ltd.
Revel Controls Ltd.
Roberts Filling Machines
Rockwell Pneumatic Scale Ltd.
Skerman Group
Steetley Co. Ltd.
Transmatic Fyllen Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Weighpack Ltd.
Wicanders (Gt. Britain) Ltd.
Willis Europlant Ltd.

## FILLING MACHINES (CAN)

ABR Food Machinery Co. Ltd.
Albro Fillers & Engineering Co.
Arenco-Alite Ltd.
Autopack Ltd.
Balfour, Henry, & Co. Ltd.
Bancroft Fillers & Appliances Ltd.
Becker Equipment & Lifts Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Convertex Machinery Ltd.
Cornwell Products Ltd.
Dairy Supply Co.
Doboy Ltd.
Duckworth, Caleb, Ltd.
Erben, H., Ltd.
FMC Corporation (U.K.) Ltd.
Fairest, Morgan, Ltd.
Filling Machines Ltd.
Foodtech Ltd.
Gilbert, G. & R., Ltd.
Hart, W. J., & Sons (London)
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Jackson, J. G., & Crockatt Ltd.
Jahn, F. & Co. Ltd.
Machinery Continental Packaging
Jahn (Maskiner) Ltd.
Mason & Morton Ltd.
Mather & Platt Ltd.
Meyer Dumore Int. Ltd.
Neumo Ltd.
Pearson Panke Ltd.
Petzold, Henry, & Co.
Pontifex, H., & Sons Ltd.
Premier Filterpress Co. Ltd.
Purdy Machinery Co. Ltd.
Revel Controls Ltd.
Roberts Filling Machines
Skerman Group
Steetley Co. Ltd.
Transmatic Fyllen Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Weighpack Ltd.

## FILLING MACHINES (CARTON)

Adams Powel Packaging Machinery Ltd.
Albro Fillers & Engineering Co.
Anglo Continental Machines Ltd.
Arenco-Alite Ltd.
Autopack Ltd.
Avery Parsons
Bennett Swiftline Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Driver Southall Ltd.
Duckworth, Caleb, Ltd.
Emhart (U.K.) Ltd.
Erben, H., Ltd.
FMC Corporation (U.K.) Ltd.
Filling Machines Ltd.
Graham-Enock Mfg. Co. Ltd.

Hart, W. J., & Sons (London)
Hiron & Rempler Ltd.
Jackson, J. G., & Crockatt Ltd.
Jahn (Maskiner) Ltd.
Mather & Platt Ltd.
Metal Box Co. Ltd.
Novotechnics Ltd.
Pacunion Ltd.
Pneutronic Machine Co. Ltd.
Revel Controls Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Steetley Co. Ltd.
Taylowe Ltd.
Tillotsons (Liverpool) Ltd.
Transmatic Fyllen Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Weighpack Ltd.
Wicanders (Gt. Britain) Ltd.
Wix of London Ltd.
Wright Machinery Co. Ltd.

## FILLING MACHINES (CHOCOLATE CENTRE)

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Robinson, W. S., & Co.

## FILLING MACHINES (COLLAPSIBLE TUBE)

Anglo Continental Machines Ltd.
Banister Street Works Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Filling Machines Ltd.
Flexile Ltd.
Machinery Continental Packaging
Neumo Ltd.
Pacunion Ltd.
Revel Controls Ltd.
Roberts Filling Machines
Steetley Co. Ltd.

## FILLING MACHINES (CONDENSED MILK)

Arenco-Alite Ltd.
Bramigk & Co. Ltd.
Convertex Machinery Ltd.
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Flexile Ltd.
Hart, W. J., & Son (London)
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Mather & Platt Ltd.
Morton, Robert, DG Ltd.
Revel Controls Ltd.
Steetley Co. Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh Walkinshaw

## FILLING MACHINES (CREAM)

Albro Fillers & Engineering Co.
Arenco-Alite Ltd.
Atlas Equipment (London) Ltd.
Bancroft Fillers & Appliances Ltd.
Banister Street Works Ltd.
Barraclough, R. W., Ltd.
Becker Equipment & Lifts Ltd.
Berendsen, S., Ltd.
Bosch, Robert, Packaging Machinery
Clayton, George S., Ltd.
Convertex Machinery Ltd.
Dairy Supply Co.
Doboy Ltd.
Duckworth, Caleb, Ltd.
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Filling Machines Ltd.
Flexile Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Holland, Peter (Food Machinery)
Jahn (Huntingdon) Ltd.

Mather & Platt Ltd.
Neumo Ltd.
Premier Filterpress Co. Ltd.
Revel Controls Ltd.
Roberts Filling Machines
Robinson, W. S., & Co.
Rockwell Pneumatic Scale Ltd.
Simon-Vicars Ltd.
Skerman Group
Steetley Co. Ltd.
Transmatic Fyllen Ltd.
U.D. Engineering Co. Ltd.
Valley Products (Lye) Ltd.
Van den Bergh Walkinshaw
Weston-White Packaging Co.
Wicanders (Gt. Britain) Ltd.

### FILLING MACHINES (FISH & MEAT PASTE)

ABR Food Machinery Co. Ltd.
Arenco-Alite Ltd.
Barwin Engineering Co. Ltd.
Berendsen, S., Ltd.
Bosch, Robert, Packaging Machinery
Bristol Packaging Machines
Clayton, George S., Ltd.
Cornwell Products Ltd.
Doboy Ltd.
FMC Corporation (U.K.) Ltd.
Filling Machines Ltd.
Flexile Ltd.
Foodtech Ltd.
Hart, W. J., & Sons (London)
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Jackson, J. G., & Crockatt Ltd.
Jahn, F., & Co. Ltd.
Lotz Abbott & Co. Ltd.
Mather & Platt Ltd.
Neumo Ltd.
Petzold, Henry, & Co.
Revel Controls Ltd.
Selo-Bollans Ltd.
Steetley Co. Ltd.
Transmatic Fyllen Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh Walkinshaw
Wetter, J. C., & Co.

### FILLING MACHINES (FRUIT)

Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Bramigk & Co. Ltd.
Burgess Eng. Ltd.
FMC Corporation (U.K.) Ltd.
Hart, W. J., & Sons (London)
Holland, Peter, (Food Machinery)
Jahn, F., & Co. Ltd.
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Novotechnics Ltd.
Rapmac Ltd.
Revel Controls Ltd.
Steetley Co. Ltd.
Transmatic Fyllan Ltd.
Van den Bergh Walkinshaw
Wicanders (Gt. Britain) Ltd.

### FILLING MACHINES (FRUIT SQUASH)

Albro Fillers & Engineering Co.
Bancroft Fillers & Appliances
Becker Equipment & Lifts Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Dico Packaging Engineers Ltd.
Doboy Ltd.
Engelmann & Buckham Ltd.
Erben, H., Ltd.
Giusti, T., & Son Ltd.
Gravfil Machines Ltd.
Hart, W. J., & Sons (London)
Hiron & Rempler Ltd.
Ivers-Lee, (G.B.) Ltd.
Meyer Dumore International Ltd.
Neumo Ltd.
Purdy Machinery Co. Ltd.
Revel Controls Ltd.
Roberts Filling Machines
Rockwell Pneumatic Scale Ltd.
Skerman Group
Steetley Co. Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Vickers Ltd. Engineering Group
Weston-White Packaging Co.
Wicanders (Gt. Britain) Ltd.
Willis Europlant Ltd.

## FILLING MACHINES (JAM)

Becker Equipment & Lifts Ltd.
Becketts Bakery Engineers Ltd.
Berendsen, S., Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Burgess Eng. Ltd.
Clayton, George S., Ltd.
Convertex Machinery Ltd.
DCA Industries Ltd.
Doboy Ltd.
Duckworth, Caleb, Ltd.
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Flexile Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Ivers-Lee (G.B.) Ltd.
Jahn, F., & Co. Ltd.
Lotz Abbott & Co. Ltd.
Mather & Platt Ltd.
Revel Controls Ltd.
Robertson Bakery Eng. Co. Ltd.
Robinson, W. S., & Co. Ltd.
Skerman Group
Steetley Co. Ltd.
Transmatic Fyllan Ltd.
Van den Bergh Walkinshaw
Weston-White Packaging Ltd.
Wicanders (Gt. Britain) Ltd.
Willis Europlant Ltd.

## FILLING MACHINES (LIQUIDS)

Albro Fillers & Engineering Co.
Anglo Continental Machines Ltd.
Arenco-Alite Ltd.
Bancroft Fillers & Appliances
Banister Street Works Ltd.
Barthes-Roberts Ltd.
Becker Equipment & Lifts Ltd.
Berendsen, S. Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carlson-Ford Ltd.
Carrington Packaging Ltd.
Clayton, George S., Ltd.
Dico Packaging Engineers Ltd
Doboy Ltd.
Driver Southall Ltd.
Duckworth, Caleb, Ltd.
Emhart (U.K.) Ltd.
Engelmann & Buckham Ltd.
Erben, H., Ltd.
FMC Corporation (U.K.) Ltd.
Filling Machines Ltd.
Flexile Ltd.
Gravfil Machines Ltd.
Hart, W. J., & Sons (London)
Holland, Peter, (Food Machinery)
Ivers-Lee (G.B.) Ltd.
Jahn, F. & Co. Ltd.
Lotz Abbott & Co. Ltd.
Machinery Continental Packaging
Mather & Platt Ltd.
Meyer Dumore International Ltd.
Neumo Ltd.
Pacunion Ltd.
Purdy Machinery Co. Ltd.
Revel Controls Ltd.
Roberts Filling Machines
Rockwell Pneumatic Scale Ltd.
Skerman Group
Steetley Co. Ltd.
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Vanmar Products Ltd.
Vickers-Dawson
Weston-White Packaging Co.
Wicanders (Gt. Britain) Ltd.
Willis Europlant Ltd.

## FILLING MACHINES (MILK BOTTLE)

Albro Fillers & Engineering
Clayton, George S., Ltd.
Dairy Supply Co.
Engelmann & Buckham Ltd.
Giusti, T., & Son Ltd.
Hamilton, James, & Sons
Hiron & Rempler Ltd.
Ideal Packagings Ltd.
Revel Controls Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh Walkinshaw

Vickers Ltd. Engineering Group
Wicanders (Gt. Britain) Ltd.
*see also CAPPING & FILLING MACHINES*

## FILLING MACHINES (PEA & BEAN)

Autopack Ltd.
Bog Jorgensen Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Convertex Machinery Ltd.
Cornwell Products Ltd.
Driver Southall Ltd.
FMC Corporation (U.K.) Ltd.
Filling Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Novotechnics Ltd.
Revel Controls Ltd.
Skerman Group
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw

## FILLING MACHINES (PICKLE)

Albro Fillers & Engineering Co.
Banister Street Works Ltd.
Berendsen, S., Ltd.
Bramigk & Co. Ltd.
Doboy Ltd.
Gravfil Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Jahn, F., & Co. Ltd.
M. & M. Process Equipment Ltd.
Neumo Ltd.
Purdy Machinery Co. Ltd.
Revel Controls Ltd.
Steetley Co. Ltd.
Van den Bergh Walkinshaw

## FILLING MACHINES (PIE JELLY)

ABR Food Machinery Co. Ltd.
Arcall Ltd.
Banister Street Works Ltd.
Becker Equipment & Lifts Ltd.
Bramigk & Co. Ltd.
Camwheat Pie Machine
Coolmota Ltd.
Doboy Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Ivers-Lee (G.B.) Ltd.
Neumo Ltd.
RHM Ingredient Supplies Ltd.
Revel Controls Ltd.
Steetley Co. Ltd.
Van den Bergh & Partners Ltd.

## FILLING MACHINES (PNEUMATIC)

Bancroft Fillers & Appliances Ltd.
Becker Equipment & Lifts Ltd.
Berk Ltd.
Doboy Ltd.
Filling Machines Ltd.
Neumo Ltd.
Revel Controls Ltd.
Rockwell Pneumatic Scale Ltd.
Steetley Co. Ltd.
Weston-White Packaging Co.

## FILLING MACHINES (POWDER)

Albro Fillers & Engineering
Anglo Continental Machines Ltd.
Arenco-Alite Ltd.
Autopack Ltd.
Avery Parsons
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Driver Southall Ltd.
Emhart (U.K.) Ltd.
Filling Machines Ltd.
Flexile Metal Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Howe-Richardson Scale Co. Ltd.
Ivers-Lee (G.B.) Ltd.
Jackson, J. G., & Crockatt Ltd.
Jahn (Maskiner) Ltd.
Lotz Abbott & Co. Ltd.
Novotechnics Ltd.

Pacunion Ltd.
Petzold, Henry, & Co.
Rockwell Pneumatic Scale Co. Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Skerman Group
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Weston-White Packaging Co.
Wright Machinery Co. Ltd.

## FILLING MACHINES (SAUCE)

Albro Fillers & Engineering Co.
Bancroft Fillers & Appliances Ltd.
Banister Street Works Ltd.
Berendsen, S., Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Dico Packaging Engineers Ltd.
Doboy Ltd.
FMC Corporation (U.K.) Ltd.
Farrow & Jackson Ltd.
Flexile Ltd.
Giusti, T., & Son Ltd.
Gravfil Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Ivers-Lee (G.B.) Ltd.
Jahn, F., & Co. Ltd.
Mather & Platt Ltd.
Neumo Ltd.
Purdy Machinery Co. Ltd.
Revel Controls Ltd.
Roberts Filling Machines
Rockwell Pneumatic Scale Ltd.
Skerman Group
Steetley Co. Ltd.
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Weston-White Packaging Co.
Willis Europlant Ltd.

## FILLING MACHINES (SAUSAGE)

ABR Food Machinery Co. Ltd.
Albrin Products Ltd.
Barwin Engineering Co. Ltd.
Biro Food Machinery Ltd.
Bosch, Robert, Packaging Machinery
Crypto-Peerless Ltd.
Fairfax Engineering Ltd.
Foodtech Ltd.
Gardner, John, & Son.
Hart, W. J., & Sons (London) Ltd.
Herbert & Sons Ltd.
Hobart Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
Holroyd Food Machinery Ltd.
Iwel Engineering Ltd.
RHM Ingredient Supplies Ltd.
Revel Controls Ltd.
Selo-Bollans Ltd.
Smith, O. L., & Co. Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh Walkinshaw
Wetter, J. C., & Co.

## FILLING MACHINES (SEMI-LIQUID)

Albro Fillers & Engineering Co.
Anglo Continental Machines Ltd.
Arenco-Alite Ltd.
Bancroft Fillers & Appliances Ltd.
Banister Street Works Ltd.
Becker Equipment & Lifts Ltd.
Berendsen, S., Ltd.
Bosch, Robert, Packaging Machinery
Bran & Luebbe (Great Britain) Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Doboy Ltd.
FMC Corporation (U.K.) Ltd.
Filling Machines Ltd.
Flexile Ltd.
Gravfil Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Ivers-Lee (G.B.) Ltd.
Jahn, F., & Co. Ltd.
Lotz Abbott & Co. Ltd.
Machinery Continental Packaging
Mather & Platt Ltd.
Neumo Ltd.
Pacunion Ltd.
Purdy Machinery Co. Ltd.

Revel Controls Ltd.
Roberts Filling Machines
Rockwell Pneumatic Scale Ltd.
Steetley Co. Ltd.
Sweetheart Plastics Ltd.
Transmatic Fyllen Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Weston-White Packaging Co.
Wetter, J. C., & Co.
Wicanders (Gt. Britain) Ltd.

## FILLING MACHINES (SOUP)

Albro Fillers & Engineering Co.
Berendsen, S., Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Duckworth, Caleb, Ltd.
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Ivers-Lee (G.B.) Ltd.
Jahn, F., & Co. Ltd.
Mather & Platt Ltd.
Neumo Ltd.
Premier Filterpress Co. Ltd.
Purdy Machinery Co. Ltd.
Revel Controls Ltd.
Roberts Filling Machines
SIG Swiss Industrial Co.
Steetley Co. Ltd.
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw

## FILLING MACHINES (SYRUP)

Albro Fillers & Engineering Co.
Bancroft Fillers & Appliances Ltd.
Banister Street Works Ltd.
Berendsen, S. Ltd.
Bog Jorgensen Ltd.
Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Doboy Ltd.
Driver Southall Ltd.
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Flexile Ltd.
Gravfil Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Ivers-Lee (G.B.) Ltd.
Mather & Platt Ltd.
Neumo Ltd.
Premier Filterpress Co. Ltd.
Purdy Machinery Co. Ltd.
Revel Controls Ltd.
Roberts Filling Machines
Rockwell Pneumatic Scale Ltd.
Steetley Co. Ltd.
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Vanmar Products Ltd.
Weston-White Packaging Co.

## FILLING MACHINES (VACUUM)

ABR Food Machinery Co. Ltd.
Albro Fillers & Engineering Co.
Bancroft Fillers & Appliances Ltd.
Bland International Packaging
Carlson-Ford Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Dico Packaging Engineers Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Foodtech Ltd.
Gravfil Machines Ltd.
Leybold-Heraeus Ltd.
Purdy Machinery Co. Ltd.
RWP Flexible Packaging
Revel Controls Ltd.
Roberts Filling Machines
Rockwell Pneumatic Scale Ltd.
SIG Swiss Industrial Co.
Skerman Group
Van den Bergh Walkinshaw
Vickers Ltd. Engineering Group
Weston-White Packaging Co.
Wicanders (Gt. Britain) Ltd.
Willis Europlant Ltd.

## FILLING MACHINES (VINEGAR)

Albro Fillers & Engineering Co.
Bancroft Fillers & Appliances Ltd.
Banister Street Works Ltd.
Becker Equipment & Lifts Ltd.
Berendsen, S., Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Dico Packaging Engineers Ltd.
Doboy Ltd.
Gravfil Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Ivers-Lee (G.B.) Ltd.
Neumo Ltd.
Purdy Machinery Co. Ltd.
Revel Controls Ltd.
Roberts Filling Machines
Rockwell Pneumatic Scale Ltd.
Skerman, C., & Sons Ltd.
Steetley Co. Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Willis Europlant Ltd.

## FILLING MACHINES (VOLUMETRIC)

Albro Fillers & Engineering Co.
Arenco-Alite Ltd.
Automated Packaging Systems
Autopack Ltd.
Bancroft Fillers & Appliances Ltd.
Becker Equipment & Lifts Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Doboy Ltd.
Driver Southall Ltd.
Engelmann & Buckham Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Machinery Continental Packaging
Neumo Ltd.
Revel Controls Ltd.
Rose Forgrove Ltd.
Steetley Co. Ltd.
Transmatic Fyllan Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Weston-White Packaging Co.
Willis Europlant Ltd.
Wright Machinery Co.

## FILLING & SEALING MACHINES (CARTON)

Adams Powel Packaging Machinery Ltd.
Austin Packaging Group Ltd.
Autopack Ltd.
Baker Perkins Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Clayton, George, S., Ltd.
Cornwell Products Ltd.
Duckworth, Caleb, Ltd.
Emhart (U.K.) Ltd.
FMC Corporation (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Jackson, J. G., & Crockatt Ltd.
Jahn (Maskiner) Ltd.
Machinery Continental Packaging
Pacunion Ltd.
Pneutronic Machine Co. Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Taylowe Ltd.
Tillotsons (Liverpool) Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh Walkinshaw
Vickers Ltd. Engineering Group
Wicanders (Gt. Britain) Ltd.
Wix of London Ltd.

## FILLING & SEALING MACHINES (ENVELOPE)

Anglo Continental Machines Ltd.
Autopack Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
British Hartford-Fairmont Ltd.
Cornwell Products Ltd.
Emhart (U.K.) Ltd.

Hart, W. J., & Sons (London)
Hill & Dolman (Engs.) Ltd.
Lotz Abbott & Co. Ltd.
Rockwell Pneumatic Scale Ltd.
Selo-Bollans Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh & Partners Ltd.

**FILLING & SEALING MACHINES (POTATO CRISP)**

Autopack Ltd.
Bennett Swiftline Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Driver Southall Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Maskiner) Ltd.
Rockwell Pneumatic Scale Ltd.
SIG Swiss Industrial Co.
Van den Bergh Walkinshaw
Wright Machinery Co. Ltd.

**FILTERING MATERIAL**

Airpel Ltd.
Barnett & Foster Ltd.
British Ceca Ltd.
Carlson-Ford Ltd.
Dairy Supply Co.
Erben, H., Ltd.
Greening, N., (Warrington) Ltd.
Improvair Ltd.
Johnson Progress Ltd.
Kek Ltd.
Locker Industries Ltd.
Potter, F. W., & Soar Ltd.
Purdy Machinery Co. Ltd.
Simon, Henry, Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.

**FILTER PRESSES**

APV-Bowser Filtration Ltd.
A.P.V. Co. Ltd.
Boulton, William, Ltd.
Brierley, Collier & Hartley Equipment Ltd.
British Filters Ltd.
Carlson-Ford Ltd.
Clayton, George S., Ltd.
Erben, H., Ltd.
Gough & Co. (Hanley) Ltd.
Johnson Progress Ltd.
Locker Industries Ltd.
M. & M. Process Equipment Ltd.
Manor Engineering Co. Ltd.
Purdy Machinery Co. Ltd.
Skerman Group
Van den Bergh Walkinshaw
Vickers Ltd., Engineering Group

**FILTERS (AIR)**

A.P. Manufacturing Co. Ltd.
APV-Bowser Filtration Ltd.
Acme Conveyors & Construction
BVC Ltd.
Bivac Air Co. Ltd.
British Filters Ltd.
Buell Ltd.
Buhler-Miag (England) Ltd.
Carlson-Ford Ltd.
Carter Thermal Industries
Cimex Ltd.
Clayton, George S., Ltd.
Compair Industrial Ltd.
Dawson McDonald & Dawson
Domnick Hunter Engineers Ltd.
Drayton Controls Ltd.
Giusti, T., & Son Ltd.
Heather Filters Ltd.
Holmes, W. C., & Co. Ltd.
Hydrovane Compressor Co. Ltd.
Improvair Ltd.
King, Geo. W., Ltd.
Lacy-Hulbert & Co. Ltd.
Locker Industries Ltd.
Luwa (U.K.) Ltd.
Martonair Ltd.
Mikropul Ltd.
Miracle Mills Ltd.
Newell Dunford Engineering Ltd.
Plenty & Son
Potter, F. W., & Soar Ltd.
Royles Ltd.
Serck Visco
Simon, Henry, Ltd.
Spirax-Sarco Ltd.
Stockdale Engineering Ltd.
Sturtevant Engineering Co. Ltd.

Taylor Instrument Companies (Europe) Ltd.
Vickers Ltd., Engineering Group

### FILTERS (AIR) electrostatic

Buell Ltd.
Holmes, W. C., & Co. Ltd.
Improvair Ltd.
Locker Industries Ltd.
Sturtevant Engineering Co. Ltd.

### FILTERS (CENTRIFUGAL)

Alfa-Laval Co. Ltd.
Hiron & Rempler Ltd.
Locker Industries Ltd.
M. & M. Process Equipment Ltd.
Pennwalt Ltd.

### FILTERS (CHOCOLATE)

Airpel Ltd.
Bramigk & Co. Ltd.
Jahn (Huntingdon) Ltd.
Plenty & Son
Robinson, W. S., & Co. Ltd.
Sparkler Filters (G.B.) Ltd.

### FILTERS (COFFEE ESSENCE)

Airpel Ltd.
Alfa-Laval Co. Ltd.
Johnson Progress Ltd.
Plenty & Son
Sparkler Filters (G.B.) Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.

### FILTERS (COLD STERILISING)

British Filters Ltd.
Carlson-Ford Ltd.
Domnick Hunter Engineers Ltd.
Erben, H., Ltd.
Luwa (U.K.) Ltd.
Purdy Machinery Co. Ltd.
Stella-Meta Filters
Vickers Ltd., Engineering Group

### FILTERS (CONTINUOUS)

Airpel Ltd.
BSS
Brierley, Collier & Hartley Equipment Ltd.
Clayton, George S., Ltd.
GEC Diesels Ltd.
Improvair Ltd.
King, Geo. W., Ltd.
M. & M. Process Equipment Ltd.
Miracle Mills Ltd.
Plenty & Son Ltd.
Simon-Baron Ltd.
Stockdale Engineering Ltd.
Van den Bergh Walkinshaw

### FILTERS (CORDIAL)

APV-Bowser Filtration Ltd.
Airpel Ltd.
British Filters Ltd.
Carlson-Ford Ltd.
Clayton, George S., Ltd.
Erben, H., Ltd.
GEC Diesels Ltd.
Johnson Progress Ltd.
M. & M. Process Equipment Ltd.
Plenty & Son
Purdy Machinery Co. Ltd.
Sparkler Filters (G.B.) Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.

### FILTERS (CREAM)

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Dairy Pipe Lines Ltd.
Dairy Supply Co.
GEC Diesels Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Plenty & Son
Wright Hargreaves Eng. Co. Ltd.

### FILTERS (DIATOMITE)

APV-Bowser Filtration Ltd.
A.P.V. Co. Ltd.
Anker Gasquet Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Carlson-Ford Ltd.
Clayton, George S., Ltd.
GEC Diesels Ltd.
Johnson Progress Ltd.

M. & M. Process Equipment Ltd.
Sparkler Filters (G.B.) Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.

## FILTERS (GELATINE)

APV-Bowser Filtration Ltd.
Airpel Ltd.
British Filters Ltd.
GEC Diesels Ltd.
Johnson Progress Ltd.
M. & M. Process Equipment Ltd.
Plenty & Son
Sparkler Filters (G.B.) Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.

## FILTERS (GRAVITY)

Airpel Ltd.
BSS
British Filters Ltd.
Clayton, George, S., Ltd.
Johnson Progress Ltd.
Permutit-Boby Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.
T. I. Chesterfield Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## FILTERS (MILK)

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Dairy Pipe Lines Ltd.
Dairy Supply Co.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Johnson Progress Ltd.
Locker Industries Ltd.
Plenty & Son
Van den Bergh & Partners Ltd.
Wright Hargreaves Eng. Co. Ltd.

## FILTERS (OIL)

APV-Bowser Filtration Ltd.
Airpel Ltd.
Alfa-Laval Co. Ltd.
Arkon Instruments Ltd.
BSS
British Filters Ltd.
Carlson-Ford Ltd.
Erben, H., Ltd.
GEC Diesels Ltd.
Johnson Progress Ltd.
Pennwalt Ltd.
Plenty & Son
Potter, F. W., & Soar Ltd.
Purdy Machinery Co. Ltd.
Royles Ltd.
Sparkler Filters (G.B.) Ltd.
Spirax-Sarco Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.

## FILTERS (PLATE TYPE)

APV-Bowser Filtration Ltd.
A.P.V. Co. Ltd.
Anker Gasquet Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
British Filters Ltd.
Calmic Engineering Div.
Carlson-Ford Ltd.
Erben, H., Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Johnson Progress Ltd.
Locker Industries Ltd.
Manor Engineering Co. Ltd.
M. & M. Process Equipment Ltd.
Prodorite Ltd.
Purdy Machinery Co. Ltd.
Sparkler Filters (G.B.) Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.
Van den Bergh Walkinshaw
Vickers Ltd., Engineering Group

## FILTERS (PRESSURE TYPE)

APV-Bowser Filtration Ltd.
A.P.V. Co. Ltd.
Airpel Ltd.
Blairs Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
Calmic Engineering Div.
Carlson-Ford Ltd.
Clarke Chapman Ltd.
Erben, H., Ltd.

Giusti, T., & Son Ltd.
Johnson Progress Ltd.
King, Geo. W., Ltd.
M. & M. Process Equipment Ltd.
Manor Engineering Co. Ltd.
Miracle Mills Ltd.
Paterson Engineering Co. Ltd.
Permutit-Boby Ltd.
Plenty & Son
Potter, F. W., & Soar Ltd.
Purdy Machinery Co. Ltd.
Sparkler Filters (G.B.) Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.
Van den Bergh Walkinshaw

**FILTERS (ROTARY VACUUM)**

Clarke Chapman Ltd.,
  Int. Combustion Div.
GEC Diesels Ltd.
I. & P. Chemical Engineers Ltd.
M. & M. Process Equipment Ltd.
Stockdale Engineering Ltd.
Van den Bergh Walkinshaw
Vincent Processes Ltd.

**FILTERS (SHEET)**

British Filters Ltd.
Carlson-Ford Ltd.
Erben, H., Ltd.
Improvair Ltd.
Johnson Progress Ltd.
Locker Industries Ltd.
M. & M. Process Equipment Ltd.
Purdy Machinery Co. Ltd.
Vickers Ltd., Engineering Group
Welch, J. A., (Plant & Vessel) Ltd.

**FILTERS (SILK GAUZE)**

Johnson Progress Ltd.
Potter, F. W., & Soar Ltd.
Russell Finex Ltd.
T. I. Chesterfield Ltd.

**FILTERS (STERILISING)**

British Filters Ltd.
Carlson-Ford Ltd.
Domnick Hunter Engineers Ltd.
Erben, H., Ltd.
Johnson Progress Ltd.
Luwa (U.K.) Ltd.
M. & M. Process Equipment Ltd.
Purdy Machinery Co. Ltd.
Stella-Meta Filters
Vickers Ltd., Engineering Group

**FILTERS (SUGAR)**

A.P.V. Co. Ltd.
Airpel Ltd.
Blairs Ltd.
Bosch, Robert, Packaging
  Machinery
Brierley, Collier &
  Hartley Equipment Ltd.
GEC Diesels Ltd.
Johnson Progress Ltd.
M. & M. Process Equipment Ltd.
Plenty & Son
Sparkler Filters (G.B.) Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.
Van den Bergh Walkinshaw

**FILTERS (SYRUP)**

AVP-Bowser Filtration Ltd.
A.P.V. Co. Ltd.
Airpel Ltd.
Alfa-Laval Co. Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
Carlson-Ford Ltd.
Clayton, George S., Ltd.
Erben, H., Ltd.
GEC Diesels Ltd.
Johnson Progress Ltd.
M. & M. Process Equipment Ltd.
Plenty & Son
Purdy Machinery Co. Ltd.
Sparkler Filters (G.B.) Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.
Van den Bergh Walkinshaw

**FILTERS (VINEGAR)**

APV-Bowser Filtration Ltd.
Airpel Ltd.
Alfa-Laval Co. Ltd.
British Filters Ltd.
Carlson-Ford Ltd.
Erben, H., Ltd.

GEC Diesels Ltd.
Johnson Progress Ltd.
M. & M. Process Equipment Ltd.
Plenty & Son
Potter, F. W., & Soar Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.
Van den Bergh Walkinshaw
Vickers Ltd., Engineering Group

### FILTERS (WATER)

APV-Bowser Filtration Ltd.
Airpel Ltd.
Arkon Instruments Ltd.
BSS
British Filters Ltd.
Carlson-Ford Ltd.
Clayton, George S., Ltd.
Erben, H., Ltd.
GEC Diesels Ltd.
Johnson Progress Ltd.
M. & M. Process Equipment Ltd.
Novotechnics Ltd.
Permutit-Boby Ltd.
Plenty & Son
Potter, F. W., & Soar Ltd.
Royles Ltd.
Serck Water Processing
Sparkler Filters (G.B.) Ltd.
Stella-Meta Filters
Stockdale Engineering Ltd.
Vickers Ltd., Engineering Group

### FILTERS (YEAST)

GEC Diesels Ltd.
Manor Engineering Co. Ltd.
Stockdale Engineering Ltd.

### FISH FINGER EQUIPMENT

Biro Food Machinery Ltd.
Bizerba Ltd.
Frigoscandia Ltd.
Greer, J. W., Co. Ltd.
Guylew Manufacturing Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Sapal Ltd.
Selo-Bollans Ltd.
Union Food Machinery & Equipment Ltd.
Wetter, J. C., & Co.

### FISH PROCESSING MACHINERY

ABR Food Machinery Ltd.
Acme Conveyors & Construction
Apex Construction Ltd.
Arenco-Alite Ltd.
Ataroth Ltd.
Balfour, Henry, & Co. Ltd.
Bennett Swiftline Ltd.
Biro Food Machinery Ltd.
Bizerba Ltd.
DCA Industries Ltd.
Foodtech Ltd.
Greer, J. W., Co. Ltd.
Guylew Manufacturing Co. Ltd.
HTI Engineering
Hart, W. J., & Sons (London) Ltd.
ITC Systems
Mather & Platt Ltd.
Minikay Ltd.
Miracle Mills Ltd.
Noviss Plastics Ltd.
Pennwalt Ltd.
Telcon-Process
Urschel International Ltd.
Wetter, J. C., & Co.

### FLAKING MACHINES

A.P.V.-Mitchell (Dryers) Ltd.
Biro Food Machinery Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
M.I.D. (Europa) Ltd.
Manex & Co.
Orthos (Engineering) Ltd.
Robinson, Thomas, & Son Ltd.
Robinson, W. S., & Co. Ltd.
Rosin Eng. Co. Ltd.
Selo-Bollans Ltd.
Simon, Richard, & Sons Ltd.
Simon-Rosedowns Ltd.
Union Food Machinery & Equipment Ltd.
Urschel International Ltd.
Van den Bergh & Partners Ltd.

### FLOOR CLEANING EQUIPMENT (INDUSTRIAL)

B.V.C. Ltd.
Cimex Ltd.
Columbus-Dixon Ltd.
Nilfisk Ltd.

### FLOORING (INDUSTRIAL)

Acalor (1948) Ltd.
Briggs Amasco
British Steel Corporation
Buhler-Miag (England) Ltd.
Butterley Engineering Co. Ltd.
C. P. Equipment Ltd.
Constructors Ltd.
Dexion Group of Companies
Haworth, F., (A.R.C.) Ltd.
Kennedy, Allan, & Co. Ltd.
Lafarge Aluminous Cement Co.
Lionweld Ltd.
Noviss Plastics Ltd.
Prodorite Ltd.
Redland Precast Ltd.
Redman Fisher Eng. Ltd.
Rowan & Boden (Contracts) Ltd.
Wheatly & Co. Ltd.

### FLOUR DRYERS

*See Dryers (Flour)*

### FLOUR HANDLING PLANT

*See Handling Plant (Flour)*

### FLOUR PACKAGING MACHINES

*See Packaging Machines (Flour)*

### FLOUR SIFTERS

Artofex Engineering Works Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Bos, F., Ltd.
Boulton, William, Ltd.
Buhler-Miag (England) Ltd.
Collins, Thomas, & Co. Ltd.
Crollie, J., & Sons Ltd.
Custance, J. C., & Co. Ltd.
Gardners of Gloucester
Gilbert, G. & R., Ltd.
Gough & Co. (Hanley) Ltd.
Jenkins of Retford Ltd.
Kek Ltd.
Mogensen Sizers Ltd.
Mono Universal Bakery Machinery
Morton Machine Co. Ltd.
Mulco Products
Oddy Ltd.
Orthos (Engineering) Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Podmores (Engineers) Ltd.
Potter, F. W., & Soar Ltd.
Robinson, Thomas, & Son Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.

### FLOW INDICATORS

APV-Bowser Filtration Ltd.
Arkon Instruments Ltd.
BSS
Bailey, Sir W. H., & Co. Ltd.
Clayton, George S., Ltd.
Cobham, Alan, Engineering Ltd.
Edwards High Vacuum Ltd.
Fielden Electronics Ltd.
Fischer & Porter Ltd.
Foxboro-Yoxall Ltd.
Goring Kerr Ltd.
Liquid Systems Ltd.
Londex Ltd.
Platon, G. A., Ltd.
Smiths Industrial Division
Taylor Instrument Companies (Europe) Ltd.
Thorn Bendix Ltd.

### FLOW METERS

Arkon Instruments Ltd.
BSS
Clayton, George S., Ltd.
Dresser Europe, S.A.
Edwards High Vacuum Ltd.
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Fielden Electronics Ltd.
Fischer & Porter Ltd.
Foxboro-Yoxall Ltd.
Giusti, T., & Son Ltd.

Honeywell Ltd.
Intertherm Ltd.
Kent Meters Ltd.
Liquid Systems Ltd.
Morton, Robert, D.G. Ltd.
Neptune Measurement Ltd.
Platon, G. A., Ltd.
Ryaland Pumps Ltd.
Smiths Industrial Division
Taylor Instrument Companies (Europe) Ltd.
Thorn Bendix Ltd.
Wallace & Tiernan Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co.

## FLOW METERS & CONTROLLERS

Arkon Instruments Ltd.
BSS
Bosch, Robert, Packaging Machinery
Cobham, Alan, Engineering Ltd.
Drayton Controls Ltd.
Dresser Europe S.A.
Engelmann & Buckham Ltd.
Fielden Electronics Ltd.
Fischer & Porter Ltd.
Foxboro-Yoxall Ltd.
Goring Kerr Ltd.
Honeywell Ltd.
Liquid Systems Ltd.
M.E.L. Equipment Co. Ltd.
Neptune Measurement Ltd.
Platon, G. A., Ltd.
Ryaland Pumps Ltd.
Taylor Instrument Companies (Europe) Ltd.
Thorn Bendix Ltd.
Wallace & Tiernan Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co.

## FOAM CONTROL EQUIPMENT

A.P.V.-Osborne Craig Ltd.

## FOILING MACHINES

Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Robinson, W. S., & Co. Ltd.
SIG Swiss Industrial Co.
Sapal Ltd.
Van den Bergh Walkinshaw

## FONDANT MATS

Bartleet, Norman, Ltd.
Confectionery Developments Ltd.
Robinson, W. S., & Co. Ltd.

## FONDANT PLANT

Ataroth Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Blundell & Crompton Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Confectionery Developments Ltd.
Cornwell Products Ltd.
Giusti, T., & Son Ltd.
Hansel, Otto, Machinery Ltd .
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Johnson, A., & Co. (London) Ltd.
Manex & Co.
Payne, F. C.. & Co.
Robinson, W. S., & Co.
Telcon-Process
Walter Denis Contacts Co. Ltd.

## FORM, FILL & SEAL MACHINES

*See Bag forming, filling and sealing machines.*

## FREEZE-DRYING PLANT

Apex Construction Ltd.
General Engineering Co.
HTI Engineering
Leybold-Vacuum Ltd.

Payne, F. C., & Co.
Pennwalt Ltd.
*See also Accelerated Freeze-Drying Plant.*

### FRUIT CLEANING MACHINES
*See Cleaning Machines (Fruit)*

### FRUIT FILLING MACHINES
*See Filling Machines (Fruit)*

### FRUIT JUICE CLARIFIERS
Alfa-Laval Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Johnson, A., & Co. (London) Ltd.
Pennwalt Ltd.
Stockdale Engineering Ltd.
Westfalia Separator Ltd.

### FRUIT JUICE CONCENTRATION PLANT
A.P.V. Co. Ltd.
Ataroth Ltd.
Balfour, Henry, & Co. Ltd.
Brierley, Wm., Collier & Hartley Equipment Ltd.
Clayton, George S., Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn, F., & Co.
Jobling, James A., & Co. Ltd.
Luwa (U.K.) Ltd.
M. & M. Process Equipment Ltd.
Mojonnier Bros. Co.
Morton, Robert, DG Ltd.
Pennwalt Ltd.
Plenty & Son Ltd.
Telcon-Process
Urschel International Ltd.
Van den Bergh Walkinshaw
Willis Europlant Ltd.

### FRUIT JUICE PASTEURISING & DE-AERATING PLANT
*See Pasteurising and De-aerating Plant (Fruit Juice)*

### FRUIT JUICE PUMPS
*See Pumps (Fruit Juice)*

### FRUIT PRESERVING PLANT
Brierley, Collier & Hartley Equipment Ltd.
HTI Engineering
Hart, W. J., & Sons (London) Ltd.
ITC Systems
Mather & Platt Ltd.
Skerman Group
Urschel International Ltd.
Welding Technical Services Ltd.

### FRUIT PULPING MACHINES
*See Pulping Machines (Fruit & Vegetables)*

### FRUIT SEPARATORS
*See Separators (Fruit)*

### FRUIT WASHERS
*See Washing Machines (Fruit & Vegetables)*

### FRUIT & VEGETABLE CHOPPING MACHINES
*See Chopping Machines (Fruit and Vegetable)*

### FRUIT & VEGETABLE CUTTING MACHINES
*See Cutting Machines (Fruit & Vegetable)*

### FRUIT & VEGETABLE GRADERS
*See Graders (Fruit & Vegetable)*

### FRUIT & VEGETABLE PEELING MACHINES
*See Peeling Machines (Fruit & Vegetable)*

### FRUIT & VEGETABLE PULPING MACHINES
*See Pulping Machines (Fruit & Vegetable)*

### FRUIT & VEGETABLE SIEVING MACHINES
*See Sieving Machines (Fruit & Vegetable)*

### FRUIT & VEGETABLE SLICING MACHINES

*See Slicing Machines (Fruit & Vegetable)*

### FRUIT & VEGETABLE WASHING MACHINES

*See Washing Machines (Fruit & Vegetable)*

### FRYERS (AUTOMATIC CONTINUOUS)

Becketts Bakery Engineers Ltd.
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Bramigk & Co. Ltd.
DCA Industries Ltd.
Foodtech Ltd.
Guylew Manufacturing Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Hygrotherm Eng. Ltd.
Jahn, F., & Co. Ltd.
Payne, F. C., & Co.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Van den Bergh & Partners Ltd.
Wright Machinery Co. Ltd.

### GAUGES (TANK CONTENTS)

Arkon Instruments Ltd.
BSS
Cobham, Alan, Engineering Ltd.
Fielden Electronics Ltd.
G.E.C.-Elliott Process Instruments
Smiths Industries Ltd.

### GAUGES (VACUUM & PRESSURE)

Arkon Instruments Ltd.
Associated Electrical Industries
BSS
Bailey, Sir W. H., & Co. Ltd.
British Rototherm Co. Ltd.
Dresser Europe, S.A.
Edwards High Vacuum
Foster Cambridge Ltd.
General Engineering Co.
Honeywell Ltd.
Hopkinsons Ltd.
Lacy-Hulbert & Co. Ltd.
Leybold Heraeus Ltd.
Ling Systems Ltd.
Pennwalt Ltd.
Smiths Industries Ltd.
Spirax-Sarco Ltd.
Wallace & Tiernan Ltd.

### GELATINE PLANT

Alcoa Container Systems (G.B.)
Alfa-Laval Co. Ltd.
Balfour, Henry, & Co. Ltd.
Blairs Ltd.
Bramigk & Co. Ltd.
Johnson, A., & Co. (London) Ltd.
Luwa (U.K.) Ltd.
Miracle Mills Ltd.
No-Val Engineering Co. Ltd.
Overstall & Sons Ltd.
Proctor Dalglish
Sandvik Conveyors Ltd.

### GLACÉ FRUIT PLANT

A.P.V. Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Cornwell Products Ltd.
Urschel International Ltd.

### GLAZING MACHINES

Arcall Ltd.
Food Process Installations
Uesco Ltd.

### GOOSEBERRY SNIBBING MACHINES

Brierley, Collier & Hartley Equipment Ltd.
Greer, J. W., Co. Ltd.
Hart. W. J., & Sons Ltd.
Holland, Peter, (Food Machinery)
Skerman Group
Van den Bergh & Partners Ltd.

### GRADERS (ALMOND)

Bramigk & Co. Ltd.
Gunsons Sortex Ltd.
Leader, Denis, Ltd.

### GRADERS (APPLE)

Boulton, William, Ltd.
FMC Corporation (U.K.) Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Van den Bergh & Partners Ltd.

### GRADERS (FRUIT & VEGETABLE)

Acme Conveyors & Construction
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Boulton, William, Ltd.
Convertex Machinery Ltd.
Edmonds, P. J., Ltd.
Erben, H., Ltd.
Food Process Installations
Grantham Electrical Eng. Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Novotechnics Ltd.
Van den Bergh & Partners Ltd.
Watten Emulsifying Machines Ltd.

### GRADERS (GRAIN)

Aldersley Engineers Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Grant, Lewis C., Ltd.
Mogensen Sizers Ltd.
Pennwalt Ltd.
Robinson, Thomas, & Son Ltd.
Simon, Henry, Ltd.

### GRADING MACHINES (EGG)

Ben Nevis Egg Equipment Ltd.
Boulton, William, Ltd.
Convertex Machinery Ltd.
Van den Bergh & Partners Ltd.

### GRAIN CLEANING MACHINES

*See Cleaning Machines (Grain)*

### GRAIN DRYERS

*See Dryers (Grain)*

### GRAIN GRADERS

*See Graders (Grain)*

### GRAIN HANDLING PLANT (PNEUMATIC)

*See Handling Plant (Grain) (Pneumatic)*

### GRAIN MIXERS

*See Mixers (Grain)*

### GRAIN STORAGE EQUIPMENT

Ajax Equipment (Bolton) Ltd.
Braby Group Ltd. (Bristol)
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Custance, J. C., & Co. Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
P. D. (Technical Mouldings) Ltd.
Redler Conveyors Ltd.
Robinson, Thomas, & Son Ltd.
Simon-Barron Ltd.
Simon Handling Engineers Ltd.
Simon, Henry, Ltd.
Willis Europlant Ltd.

### GRANULATING MACHINES (BISCUIT)

Apex Construction Ltd.
Balfour, Henry, & Co. Ltd.
Christy & Norris Ltd.
Gardners of Gloucester
Hart, W. J., & Sons (London) Ltd.
Jackson, J. G., & Crockatt Ltd.
Payne, F. C., & Co.
Robinson, W. S., & Co.
Urschel International Ltd.

### GRANULATORS

Apex Construction Ltd.
Balfour, Henry, & Co. Ltd.
Bramigk & Co. Ltd.
Filling Machines Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Gardners of Gloucester

Hobart Manufacturing Co. Ltd.
ITC Systems
Jackson, J. G., & Crockatt Ltd.
Kek Ltd.
Leader, Denis, Ltd.
Orthos (Engineering) Ltd.
Robinson, W. S., & Co.
Russell Finex Ltd.
Tweedy of Burnley Ltd.
Urschel International Ltd.

## GREASING MACHINES (BAKERY EQUIPMENT)

Arcall Ltd.
Pelkman, John, Eng. Co.

## GRINDING MACHINES BARLEY)

Alpine (Machinery) Ltd.
Balfour, Henry, & Co. Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Christy & Norris Ltd.
Miracle Mills Ltd.
Robinson, Thomas, & Son Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.

## GRINDING MACHINES (COCOA & CHOCOLATE)

Alpine (Machinery) Ltd.
Ataroth Ltd.
Balfour, Henry, & Co. Ltd.
Boulton, William, Ltd.
Bramigk & Co. Ltd.
**British Rema Manufacturing**
Buhler-Miag (England) Ltd.
Cornwell Products Ltd.
Follsain-Wycliffe Foundries Ltd.
Kek Ltd.
M. & M. Process Equipment Ltd.
Manor Engineering Co. Ltd.
Mikropul Ltd.
Miracle Mills Ltd.
Petzold, Henry, & Co.
Robinson, Thomas, & Son Ltd.
Robinson, W. S., & Co.
Simon-Barron Ltd.
Telcon-Process

## GRINDING MACHINES (COCOA NIB)

Ataroth Ltd.
Balfour, Henry, & Co. Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Cornwell Products Ltd.
Follsain-Wycliffe Foundries Ltd.
M. & M. Process Equipment Ltd.
Manor Engineering Co. Ltd.
Mikropul Ltd.
Miracle Mills Ltd.
Nautamix (U.K.) Ltd.
Orthos (Engineering) Ltd.
Petzold, Henry, & Co.
Robinson, W. S., & Co.
Simon-Barron Ltd.
Telcon-Process

## GRINDING MACHINES (SPICE)

Alpine (Machinery) Ltd.
Baldock & Pearce Ltd.
Balfour, Henry, & Co. Ltd.
Buhler-Miag (England) Ltd.
Filling Machines Ltd.
Follsain-Wycliffe Foundries Ltd.
Gardners of Gloucester
Hobart Manufacturing Co. Ltd.
ITC Systems
Kek Ltd.
Mikropul Ltd.
Miracle Mills Ltd.
Robinson, Thomas, & Son Ltd.
Simon-Barron Ltd.

## GRINDING MACHINES (SUGAR)

Alpine (Machinery) Ltd.
Balfour, Henry, & Co. Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Follsain-Wycliffe Foundries Ltd.
Gardners of Gloucester
ITC Systems
Kek Ltd.
Mikropul Ltd.
Miracle Mills Ltd.

Robinson, Thomas, & Son Ltd.
Robinson, W. S., & Co.
Simon-Barron Ltd.

### GUILLOTINE CUTTERS

ABR Food Machinery Co. Ltd.
Automated Packaging Systems
Bartleet, Norman, Ltd.
Biro Food Machinery Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Manex & Co.
Metal Box Co. Ltd.
No-Val Engineering Co. Ltd.
Robinson, W. S., & Co. Ltd.
Walter Denis Contacts Co. Ltd.
Wetter, J. C. & Co.

### GUM MELTERS

Brierley, Collier & Hartley Equipment Ltd.
Giusti, T., & Son Ltd.

### HAM COOKERS

*See Cookers* (*Ham*)

### HAM PRESSES

*See Presses* (*Ham*)

### HANDLING PLANT (COCOA BEAN)

Alcoa Container Systems (G.B.)
B.V.C. Engineering Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Cornwell Products Ltd.
Custance, J. C., & Co. Ltd.
Gough & Co. (Hanley) Ltd.
Howe-Richardson Scale Ltd.
Jahn, F., & Co.
Leader, Denis, Ltd.
Ling Systems Ltd.
Marryat Handling Ltd.
Overstall & Sons Ltd.
Redler Convevors Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Stott, S. S., Ltd.
Uesco Ltd.

### HANDLING PLANT (CORN & GRAIN)

Ajax Equipment (Bolton) Ltd.
Alcoa Container Systems (G.B.)
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Custance, J. C., & Co. Ltd.
Howe-Richardson Scale Co. Ltd.
Leader, Denis, Ltd.
Ling Systems Ltd.
Overstall & Sons Ltd.
Redler Conveyors Ltd.
Simon-Barron Ltd.
Simon Handling Engineers Ltd.
Simon, Henry, Ltd.
Stott, S. S., Ltd.
Uesco Ltd.
VME Conveyors Ltd.
Willis Europlant Ltd.

### HANDLING PLANT (DRUM & BARREL)

Alcoa Container Systems (G.B.)
Angel Truck Co. Ltd.
Bennett Swiftline Ltd.
Brimpex Eccles Co. Ltd.
Bruce, Dawson & Co. (London)
Butterley Engineering Co. Ltd.
Collis Mechanical Handling Ltd.
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Filling Machines Ltd.
Gimson & Co. (Leicester) Ltd.
Gough & Co. (Hanley) Ltd.
Kings Cross Truck Co. Ltd.
Marryat Handling Ltd.
Noviss Plastics Ltd.
Overstall & Sons Ltd.
Paterson Hughes Eng. Co. Ltd.
Powell & Co.
Power Lifts Ltd.
Roberts Filling Machines
Rubery Owen Conveyancer Ltd.
Russell Finex Ltd.
Sovex Marshall Ltd.
Towers (Sunderland) Ltd.
Tyne Truck & Trolley Co. Ltd.
Van den Bergh Walkinshaw
Wilmat Handling Co. Ltd.

## HANDLING PLANT (FLOUR)

Ajax Equipment (Bolton) Ltd.
Alcoa Container Systems (G.B.)
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Bramigk & Co. Ltd.
Brander Cullen Engineering
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Collins, Thomas, & Co. Ltd.
Crollie, J., & Son Ltd.
Custance, J. C., & Co. Ltd.
Gardners of Gloucester
Gilbert, G. & R., Ltd.
Kek Ltd.
Mason, W. F., Ltd.
Morton Machine Co. Ltd.
Mulco Products
Overstall & Sons Ltd.
Payne, F. C., & Co.
Redler Conveyors Ltd.
Robinson, Thomas, & Son Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Simon-Vicars Ltd.
Stott, S. S., Ltd.
Uesco Ltd.
VME Conveyors Ltd.

## HANDLING PLANT (GRAIN)
**pneumatic**

Aldersley Engineers Ltd.
Atlas Equipment (London) Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Carter Thermal Industries
Davidson & Co. Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Leader, Denis, Ltd.
Ling Systems Ltd.
Pengco Transport Systems Ltd.
Redler Conveyors Ltd.
Robinson, Thomas, & Son Ltd.
Simon-Barron Ltd.
Simon Handling Engineers Ltd.
Simon, Henry, Ltd.
Willis Europlant Ltd.

## HEATERS (CREAM)

A.P.V. Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
Crollie, J., & Son Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Jahn, F., & Co.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co.

## HEATERS (MILK)

A.P.V. Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Dairy Supply Co.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Jahn, F., & Co.
Morton, Robert, DG Ltd.
Perkins Boilers Ltd.
Van den Bergh & Partners Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co

## HEAT EXCHANGERS (PLATE TYPE)

A.P.V. Co. Ltd.
Alfa-Laval Co. Ltd.
Alfred & Co. Ltd.
Balfour, Henry, & Co. Ltd.
Biddle, F. H., Ltd.
Bramigk & Co. Ltd.
Cherry-Burrell Ltd.
Clarke Chapman Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Dairy Supply Co.
Engelmann & Buckham Ltd.
Freeman Taylor Ltd.
Van den Bergh & Partners Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co.

## HEAT EXCHANGERS (TUBULAR)

A.P.V. Co. Ltd.
Alfa-Laval Co. Ltd.
Apex Construction Ltd.
BSS
Babcock & Wilcox (Operations)
Bennett Swifline Ld.
Biddle, F. H., Ltd.
Bishop, Thomas, Ltd.
Blairs Ltd.
Blundell & Crompton Ltd.
Braby-Llewellins & James Ltd.
Bramigk & Co. Ltd.
Burnett & Rolfe Ltd.
C.P. Equipment Ltd.
Cherry-Burrell Ltd.
Clarke Chapman Ld.
Dairy Pipe Lines Ltd.
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Foster Wheeler John Brown Boilers Ltd.
Freeman, Taylor Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Holden & Brooke Ltd.
I. & P. Chemical Engineers Ltd.
Improvair Ltd.
Jenkins, Robert, & Co. Ltd.
Jobling, James A., & Co. Ltd.
Johnson, A., & Co. (London) Ltd
London Aluminium Co. Ltd.
Longclose Engineering Co. Ltd.
Maitlands (Metal Works) Ltd.
Mojonnier Bros. Co.
Morton, Robert, DG Ltd.
Perkins Boilers Ltd.
Pontifex, H., & Sons Ltd.
Royles Ltd.
SSV Ltd.
Selo-Bollans Ltd.
TRF Pland Ltd.
Tomlinsons (Rochdale) Ltd.
Udec Refrigeration Ltd.
Van den Bergh & Partners Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Willis Europlant Ltd.
Worthington-Simpson Ltd.
Wright Hargreaves Eng. Co.

## HEATING MANTLES

Electrothermal Engineering Ltd.
Isopad Ltd.
Jobling, James A., & Co. Ltd.
Stabilag Engineering Ltd.

## HEAT-SEALING EQUIPMENT

ABR Food Machinery Co. Ltd.
Automated Packaging Systems
Auto Wrappers (Norwich) Ltd.
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Convertex Machinery Ltd.
Doboy Ltd.
Edlon Machinery Ltd.
Edwards, F. J., Ltd.
Engelmann & Buckham Ltd.
Engineering Developments (Farnborough) Ltd.
Europack Eng. Co. Ltd.
F. & C. Engineering Works
Flower Faraday Ltd.
Gerrard Industries Ltd.
Gilbert, G. & R., Ltd.
Grace, W. R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Intertherm Ltd.
Ivers-Lee (G.B.) Ltd.
Kempner, S., Ltd.
Ling Systems Ltd.
Lotz Abbott & Co. Ltd.
Mark Anthony Engineering Ltd.
Mono Universal Bakery Machinery
Novotechnics Ltd.
Petzold, Henry, & Co.
Pneutronic Machine Co. Ltd.
Radyne Ltd.
Record Bakery Equipment Co. Ltd.
Robinson, W. S., & Co.
Taylowe Ltd.
Van den Bergh Walkinshaw
Vanmar Products Ltd.
Varley-FMC Ltd.
Vickers Ltd. Engineering Group
Watten Emulsifying Machines Ltd.
Wicanders (Gt. Britain) Ltd.
Wright Machinery Co. Ltd.

## HEAT-SEALING IRONS (ELECTRIC)

Kempner, S., Ltd.
Lotz Abbott & Co. Ltd.
Mark Anthony Engineering Ltd.
Novotechnics Ltd.
Vickers Ltd. Engineering Group
Watten Emulsifying Machines Ltd.

## HOMOGENISERS

A.P.V. Co. Ltd.
Alfa-Laval Co. Ltd.
Alfred & Co. Ltd.
Apex Construction Ltd.
Ataroth Ltd.
Baker Perkins Ltd.
Berendsen, S., Ltd.
Cherry-Burrell Ltd.
Convertex Machinery Ltd.
Dairy Supply Co.
Douglas-Rownson Ltd.
Emmerich (London) Ltd.
Flexile Ltd.
Foodtech Ltd.
Giusti, T., & Son Ltd.
Greer, J. W., Co. Ltd.
Hamilton, James, & Sons
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Lang-London-Ltd.
M. & M. Process Equipment Ltd.
Moritz Chemical Engineering
Nautamix (U.K.) Ltd.
Novotechnics Ltd.
Orthos (Engineering) Ltd.
Premier Colloid Mills Ltd.
Ultrasonics Ltd.
Urschel International Ltd.
Vickers Ltd. Engineering Group
Watten Emulsifying Machines Ltd.
Wright Hargreaves Eng. Co.

## HOPPERS

Abbott & Co. (Newark) Ltd.
Acme Conveyors & Construction
Ajax Equipment (Bolton) Ltd.
Alcoa Container Systems (G.B.)
Alfred & Co. Ltd.
Associated Metal Works (Glasgow)
Atlas Equipment (London) Ltd.
Avery Parsons
Babcock & Wilcox (Operations)
Baker Perkins Ltd.
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Bishop, Thomas Ltd.
Bog Jorgensen Ltd.
Bramigk & Co. Ltd.
Canterbury Conveyors Ltd.
Filling Machines Ltd.
Giusti, T., & Son Ltd.
Guylew Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
I. & P. Chemical Engineers Ltd.
Johnson, A., & Co. (London) Ltd.
Leader, Denis, Ltd.
M.I.D. (Europa) Ltd.
McDowell, Thomas, Ltd.
Maitlands (Metal Works) Ltd.
Metromethods Ltd.
Mucon Eng. Co. Ltd.
Numec Ltd.
Overstall & Sons Ltd.
SSV Ltd.
Sapal Ltd.
Simon-Barron Ltd.
Spencer (Melksham) Ltd.
Transmatic Fyllen Ltd.
Uesco Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Wright Machinery Co. Ltd.

## HOPPERS (UNSCRAMBLING)

Autopack Ltd.
Dico Packaging Engineers Ltd.
Gravfil Machines Ltd.
Metal Box Co. Ltd.
Peters Packaging Ltd.
Podmores (Engineers) Ltd.
Rockwell Pneumatic Scale Ltd.
Transmatic Fyllan Ltd.

## HOT PLATES

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bishop, Thomas Ltd.
Bosch, Robert, Packaging Machinery

Brierley, Collier & Hartley Equipment Ltd.
Coupe, Clifford, Ltd.
Electrothermal Engineering Ltd.
Gilbert, G. & R., Ltd.
Grace, W. R., Ltd.
Isopad Ltd.
Loughborough Ovens Ltd.
Mason, W. F., Ltd.
Reads & Barrons
Robinson, W. S., & Co.
Stabilag Co. Ltd.

### HUMBUG PLANT

Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
Payne, F. C., & Co.
Robinson, W. S., & Co.

### HUMIDIFIERS

Heather Filters Ltd.
Humidified Air Co.

### HUMIDITY RECORDERS, INDICATORS & CONTROLLERS

Airpel Ltd.
Carter Thermal Industries
Collins, Thomas, & Co. Ltd.
Fielden Electronics Ltd.
Foster Cambridge Ltd.
Foxboro-Yoxall Ltd.
Honeywell Ltd.
Lock, A. M., & Co. Ltd.
Shaw Moisture Meters
Taylor Instrument Companies (Europe) Ltd.

### HYDROGENATION PLANT

Aiton & Co. Ltd.
Bramigk & Co. Ltd.
Giusti, T., & Son Ltd.
Lightnin Mixers Ltd.
Simon-Rosedowns Ltd.

### ICE CREAM AGEING VATS

*See Vats (Ice Cream Ageing)*

### ICE CREAM CONE BISCUIT MACHINES

Alfred & Co. Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Hart, W. J., & Sons (London) Ltd.
Manor Engineering Co. Ltd.
Pelkman, John, Eng. Co.
Robinson, W. S., & Co.
Van den Bergh Walkinshaw

### ICE CREAM CONSERVATORS

Alfred & Co. Ltd.
Giusti, T., & Son Ltd.
Kelvinator Ltd.
Prestcold Ltd.
York Division of Borg-Warner Ltd.

### ICE CREAM COOLERS

*See Coolers (Ice Cream)*

### ICE CREAM CUTTING & ENROBING MACHINES

Greer, J. W., Co. Ltd.
Hansel, Otto, Machinery Ltd.
Walter Denis Contacts Co. Ltd.

### ICE CREAM CUTTING & WRAPPING MACHINES

Alfred & Co. Ltd.
Bramigk & Co. Ltd.
Bristol Packaging Machines
Hart, W. J., & Sons (London) Ltd.
Selo-Bollans Ltd.
Turner Automatic Machinery Co.
Walter Denis Contacts Co. Ltd.

### ICE CREAM CUTTING, WRAPPING & ENROBING MACHINES

Alfred & Co. Ltd.
Bramigk & Co. Ltd.
Bristol Packaging Machines
Greer, J. W. Co. Ltd.
Robinson, W. S., & Co.
Turner Automatic Machinery Co.
Walter Denis Contacts Co. Ltd.

## ICE CREAM FREEZERS

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Associated Metal Works (Glasgow) Ltd.
Berendsen, S., Ltd.
Cherry-Burrell Ltd.
Dalglish, John, & Sons Ltd.
Frigoscandia Ltd.
Giusti, T., & Son Ltd.
Greer, J. W., Co. Ltd.
Grenco Eng. & Contracting Ltd.
HTI Engineering
Kelvinator Ltd.
Lightfoot Refrigeration Co.
Maitlands (Metal Work) Ltd.
Minikay Ltd.
Prestcold Ltd.
York Division of Borg-Warner Ltd.

## ICE CREAM FRUIT FEEDERS

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Berendsen, S., Ltd.
Bristol Packaging Machines
Cherry-Burrell Ltd.
Hart, W. J., & Sons (London) Ltd.
Oakes, E. T., Ltd.

## ICE CREAM STICK INSERTING MACHINES

Alfred & Co. Ltd.
Berendsen, S., Ltd.
Greer, J. W., Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Turner Automatic Machinery Co.
Vanmar Products Ltd.

## ICE CREAM WRAPPING MACHINES

*See Wrapping Machines (Ice Cream)*

## ICE MAKING MACHINES (SOFT & SCALE)

ABR Food Machinery Co. Ltd.
Alfred & Co. Ltd.
Foodtech Ltd.
Grenco Eng. & Contracting Machines Ltd.
HTI Engineering
Kelvinator Ltd.
Lightfoot Refrigeration Co. Ltd.
Minikay Ltd.
Prestcold Ltd.
Wetter, J. C., & Co.
York Division of Borg-Warner Ltd.

## INCINERATORS

Clarke Chapman Ltd.
Gilbert, G. & R., Ltd.
Hygrotherm Eng. Ltd.
Manlove Alliott & Co. Ltd.
Metal Units
Redman Heenan Froude Ltd.
Saniguard Appliances Ltd.

## INERT GASSING UNITS

Emhart (U.K.) Ltd.
Fraser, John, & Son Ltd.
Holmes, W. C., & Co. Ltd .
Hygrotherm Eng. Ltd.
SIG Swiss Industrial Co.
Taylowe Ltd.

## INJECTION MACHINES (JAM, CREAM, ETC.)

Jahn (Huntingdon) Ltd.

## INSULATED CONTAINERS

Associated Metal Works (Glasgow)
Grundy (Teddington) Ltd.
Minikay Ltd.
Randall, James H., & Son Ltd.
Tridair Industries Ltd.
WCB Containers Ltd.
Warwick Production Co. Ltd.
Yorkshire Moulds Ltd.

## ION EXCHANGE RESINS

Zerolit Ltd.

## JAM COOLING TANKS

*See Tanks (Jam Cooling)*

## JAM FILLING MACHINES

*See Filling Machines (Jam)*

## JAM FILLING TABLES

*See Tables (Jam Filling)*

## JAM JAR CLEANERS & POLISHERS (EXTERNAL)

Revel Controls Ltd.
Van den Bergh Walkinshaw

## JAM & MINCEMEAT DEPOSITORS (AUTOMATIC)

*See Depositors (Jam & Mincemeat)*

## JAM PAN FUME EXTRACTION PLANT

Acalor (1948) Ltd.
Supervents Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## JAM PANS

*See Pans (Jam)*

## JAM PUMPS

*See Pumps (Jam)*

## JAR CLEANING MACHINES (AIR)

*See Cleaning Machines (Jar) air*

## JAR WASHING MACHINES

*See Washing Machines (Jar)*

## JELLY MOULDS

*See Moulds (Jelly)*

## JELLY PLANT

Becker Equipment & Lifts Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Clayton, George S., Ltd.
Coolmota Ltd.
Hart, W. J., & Sons (London) Ltd.
Ramsden, R., & Son Ltd.
Skerman Group
Welch, J. A., (Plant & Vessel) Ltd.

## KETTLES (CHOCOLATE)

Alfred & Co. Ltd.
Apex Construction Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Becketts Bakery Engineers Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Giusti, T., & Son Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Low & Duff (Engineers) Ltd.
Maitlands (Metal Works) Ltd.
Manor Engineering Co. Ltd.
Mono Universal Bakery Machinery
Pelkman, John, Eng. Co.
Robinson, W. S., & Co.
Skerman Group
Tourell (Sales) Ltd.
Vanmar Products Ltd.
Walter Denis Contacts Co. Ltd.

## KETTLES (FONDANT)

Apex Construction Ltd.
Bartleet, Norman, Ltd.
Blundell & Crompton Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Giusti, T., & Sons Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Robinson, W. S., & Co.

## KETTLES (TEMPERING)

Alfred & Co. Ltd.
Apex Construction Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Giusti, T., & Sons Ltd.
Hansel, Otto, Machinery Ltd.
Jahn (Huntingdon) Ltd.
Mono Universal Bakery Machinery
Pelkman, John, Eng. Co.

Robinson, W. S., & Co.
Skerman Group
Walter Denis Contacts Co. Ltd.

## KNEADERS (BATCH)

ABR Food Machinery Co. Ltd.
Apex Construction Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Becketts Bakery Engineers Ltd
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Custance, J. C., & Co. Ltd.
Hansel, Otto, Machinery Ltd.
Morton Machine Co. Ltd.
Payne, F. C., & Co.
Petzold, Henry, & Co.
Robinson, W. S., & Co. Ltd.
Tweedy of Burnley Ltd.
Wetter, J. C., & Co.
Winkworth Machinery Ltd.

## KNEADERS & MIXERS (DOUGH)

ABR Food Machinery Ltd.
Apex Construction Ltd.
Artofex Engineering Works Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Bramigk, & Co. Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
Buhler-Miag (England) Ltd.
Calmic Engineering Div.
Collins, Thomas, & Co. Ltd.
Cornwell Products Ltd.
Custance, J. C., & Co. Ltd.
Fairfax Engineering Ltd.
Gardners of Gloucester
Gilbert, G. & R., Ltd.
Guylew Manufacturing Co. Ltd.
Hart, W. J., & Sons (London)
Hobart Manufacturing Co.
Jenkins of Retford Ltd.
Mason, W. F., Ltd.
Mono Universal Bakery Machinery
Morton Machine Co. Ltd.
Oakes, C. T., Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Petzold, Henry, & Co.
RHM Ingredients Supplies Ltd.
Ramsden, R., & Son Ltd.
Reads & Barrons
Record Bakery Equipment Co. Ltd.
Robinson, W. S., & Co. Ltd.
Simon-Vicars Ltd.
Skerman Group
Tweedy of Burnley Ltd.
Union Food Machinery
  & Equipment Ltd.
Winkworth Machinery Ltd.

## LABEL GUMMING MACHINES

Barthes-Roberts Ltd.
Clayton, George S., Ltd.
Emhart (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Lotz Abbott & Co. Ltd.
Newman Labelling Machines Ltd.
Pneutronic Machine Co. Ltd.
Purdy Machinery Co. Ltd.
Willis Europlant Ltd.
Wix of London Ltd.

## LABEL POSITIONER

Bosch, Robert, Packaging
  Machinery
Lerner Machine Co. Ltd.

## LABEL, TICKET, TAG, OVER-PRINTING MACHINES

*See Over-Printing Machines*

## LABELLING MACHINES (BOTTLE & JAR)

ABM Pilot Labelling Ltd.
Adams Powel Packaging
  Machinery
Anglo Continental Machines Ltd.
Beth Label & Wrapper Machines
Bosch, Robert, Packaging
  Machinery
Bramigk & Co. Ld.
Carlson-Ford Ltd.
Clayton, George S., Ltd.
Dairy Supply Co.

Dawson Bros. Ltd.
Dico Packaging Engineers Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Erben, H., Ltd.
Fairest, Morgan, Ltd.
Flower Faraday Ltd.
Gosheron, John, & Co. Ltd.
Harley-Hinds Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Newman Labelling Machines Ltd.
Norprint Ltd.
Peters Packaging Ltd.
Purdy Machinery Co. Ltd.
Rapmac Ltd.
Rockwell Pneumatic Scale Ltd.
Sellotape Products UK
Skerman Group
Vickers Ltd., Engineering Group
Willis Europlant Ltd.
Wix of London Ltd.

## LABELLING MACHINES (CAN)

ABM Pilot Labelling Ltd.
Adams Powel Packaging Machinery
Beth Label & Wrapper Machines
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Coupe, Clifford, Ltd.
Dairy Supply Co.
Dico Packaging Engineers Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Erben, H., Ltd.
Fairest, Morgan, Ltd.
Flower Faraday Ltd.
Foodtech Ltd.
Gosheron, John, & Co. Ltd.
Harley-Hinds Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Label Processes
Lotz Abbott & Co. Ltd.
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Norprint Ltd.
Peters Packaging Ltd.
Purdy Machinery Co. Ltd.
Rapmac Ltd.
Rockwell Pneumatic Scale Ltd.
Sellotape Products UK
Skerman Group
Willis Europlant Ltd.

## LABELLING MACHINES (CARTON)

ABM Pilot Labelling Ltd.
Willis Europlant Ltd.

## LABELLING MACHINES (PACKET)

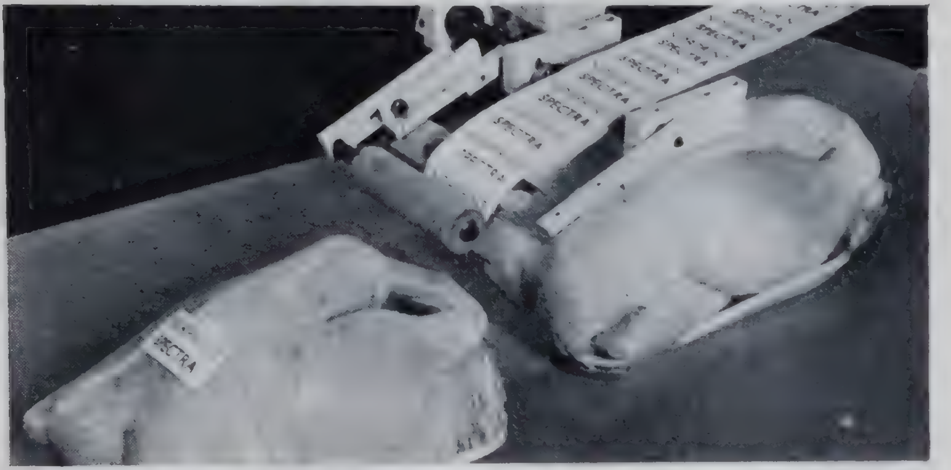
ABM Pilot Labelling Ltd.
Adams Powel Packaging Machinery
Bizerba Ltd.
Bosch, Robert, Packaging Machinery
Doboy Ltd.
Gosheron, John, & Co. Ltd.
Harley-Hinds Ltd.
Hart, W. J., & Sons (London) Ltd.
Metal Box Co. Ltd.
Norprint Ltd.
Novotechnics Ltd.
Peters Packaging Ltd.
Rapmac Ltd.
Rockwell Pneumatic Scale Ltd.
Sellotape Products UK
Willis Europlant Ltd.
Wix of London Ltd.

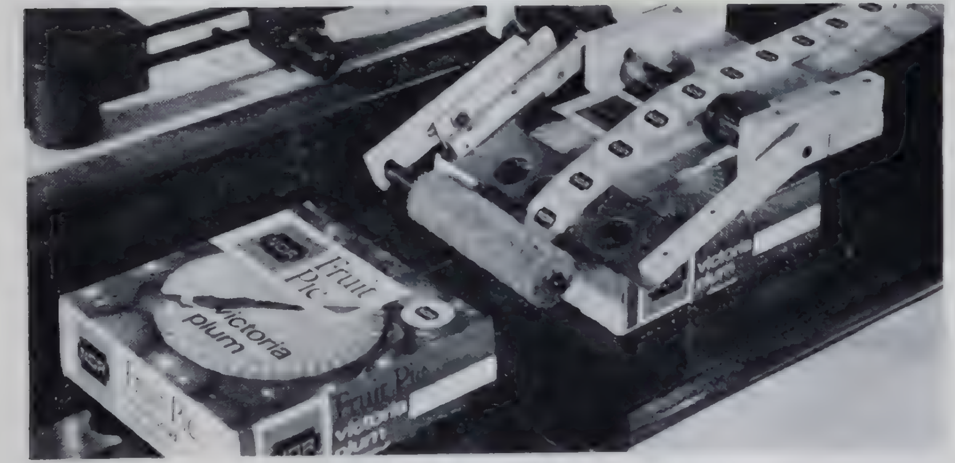
## LABELLING MACHINES (THERMOPLASTIC)

Adams Powel Packaging Machinery
Cornwell Products Ltd.
Doboy Ltd.
Erben, H., Ltd.
Fairest, Morgan, Ltd.
Gosheron, John, & Co. Ltd.
Harley-Hinds Ltd.
Newman Labelling Machines Ltd.
Norprint Ltd.
Peters Packaging Ltd.

NCR

FULLY AUTOMATIC LABELLING SYSTEMS FOR THE FOOD INDUSTRY





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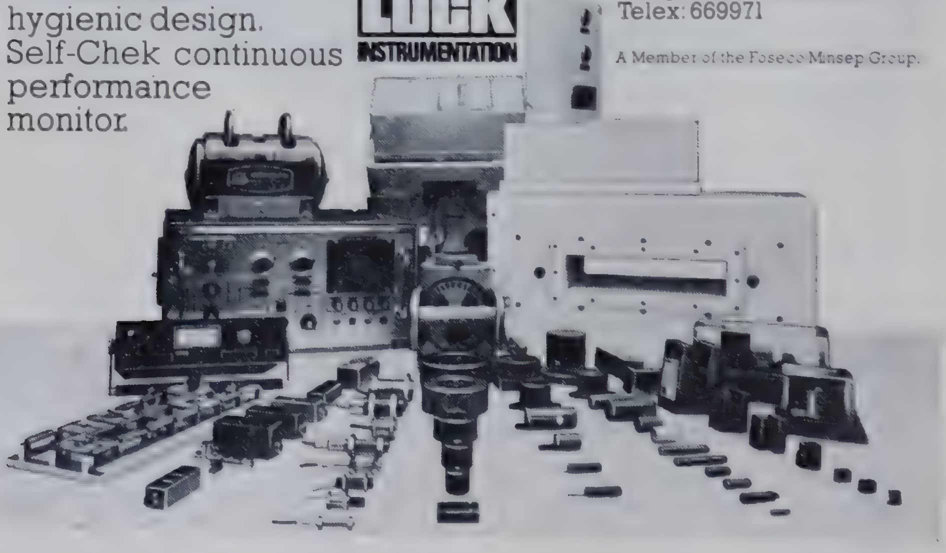

Rapmac Ltd.
Rockwell Pneumatic Scale Ltd.
Vickers Ltd., Engineering Group

### LAMINATORS

*See Dough Laminators*

### LARD RENDERING & REFINING PLANT

ABR Food Machinery Co. Ltd.
Alfa-Laval Co. Ltd.
Ascoli Ltd.
Balfour, Henry, & Co. Ltd.
Bollans, R. W., & Co. (Equipment)
Coolmota Ltd.
Douglas-Rownson Ltd.
Iwel Engineering Ltd.
Pennwalt Ltd.
Simon-Rosedowns Ltd.
Wetter, J. C., & Co.

### LEMON CURD PLANT

Ataroth Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Hart, W. J., & Sons (London) Ltd.
Johnson, A., & Co. (London) Ltd.
M. & M. Process Equipment Ltd.
Telcon-Process

### LENTIL SPLITTING PLANT

Baldock & Pearce Ltd.
Bramigk & Co. Ltd.

### LEVEL CONTROLLERS (LIQUID)

BSS
Cobham, Alan, Engineering
Coupe, Clifford, Ltd.
Davy Instruments Ltd.
Drayton Controls Ltd.
Fielden Electronics Ltd.
Fisher Governor Co. Ltd.
Foxboro-Yoxall Ltd.
G.E.C.-Elliott Control Valves Ltd.
G.E.C.-Elliott Process Instruments
Goring Kerr Ltd.
Honeywell Ltd.
Lock, A. M., & Co. Ltd.
Londex Ltd.
M. & M. Process Equipment Ltd.
Morton, Robert, DG Ltd.
Steetley Co. Ltd.
Taylor Instrument Companies (Europe) Ltd.

### LEVEL CONTROLLERS (POWDERS & SOLIDS)

Atlas Equipment (London) Ltd.
BSS
Buhler-Miag (England) Ltd.
Davy Instruments Ltd.
Fielden Electronics Ltd.
G.E.C.-Elliott Process Instruments
Goring Kerr Ltd.
Lock, A. M., & Co. Ltd.
Londex Ltd.
Mucon Eng. Co. Ltd.
Simon-Barron Ltd.

### LEVEL INDICATORS (BIN)

Alcoa Container Systems (G.B.)
Atlas Equipment (London) Ltd.
BSS
Buhler-Miag (England) Ltd.
Davy Instruments Ltd.
Fielden Electronics Ltd.
G.E.C.-Elliott Process Instruments
Goring Kerr Ltd.
Howe-Richardson Scale Ltd.
King, Geo. W., Ltd.
Lock, A. M., & Co. Ltd.
Londex Ltd.
Mucon Eng. Co. Ltd.
Redler Conveyors Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.

### LEVEL INDICATORS (FILLED CAN)

Dairy Pipe Lines Ltd.
Metal Box Co. Ltd.
Smiths Industries Ltd.

### LEVEL RECORDERS, INDICATORS & CONTROLLERS (LIQUID)

Arkon Instruments Ltd.
BSS
Burnett & Rolfe Ltd.
Cobham, Alan, Engineering Ltd.

Davy Instruments Ltd.
Drayton Controls Ltd.
Fielden Electronics Ltd.
Foxboro-Yoxall Ltd.
G.E.C.-Elliott Process Instruments
Goring Kerr Ltd.
Honeywell Ltd.
Lock, A. M., & Co. Ltd.
Londex Ltd.
Meyer Dumore Int. Ltd.
Morton, Robert, DG Ltd.
Orthos (Engineering) Ltd.
Smiths Industries Ltd.
Steetley Co. Ltd.
Taylor Instrument Companies (Europe) Ltd.

## LID-CURLING MACHINES (METAL)

Bliss, E. W., (England) Ltd.
Lotz Abbott & Co. Ltd.
Pearson Panke Ltd.

## LIDDING MACHINES

Albro Fillers & Engineering
Arenco-Alite Ltd.
Autopack Ltd.
Baker Perkins Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Burgess Eng. Ltd.
Convertex Machinery Ltd.
Coolmota Ltd.
Dico Packaging Engineers Ltd.
Foodtech Ltd.
Hart, W. J., & Sons (London) Ltd.
Jackson, J. G., & Crockatt Ltd.
Jahn, F., & Co. Ltd.
Jahn (Huntingdon) Ltd.
Jahn (Maskiner) Ltd.
Johnson, Fred (Machinery) Ltd.
Metal Box Co. Ltd.
Peters Packaging Ltd.
Payne, F. C., & Co.
Pneutronic Machine Co. Ltd.
Roberts Filling Machines
Rockwell Pneumatic Scale Ltd.
Sharp Intermatic Ltd.
Van den Bergh Walkinshaw
Vickers Ltd. Engineering Group
Wicanders (Gt. Britain) Ltd.
*See also CLOSING & LIDDING MACHINES*

## LIDDING (LEVER) & DATE STAMPING MACHINES

Albro Fillers & Engineering Co.
Arenco-Alite Ltd.
Hart, W. J., & Sons (London) Ltd.
Jackson, J .G., & Crockatt Ltd.
Roberts Filling Machines

## LIFTING JACKS (HYDRAULIC)

Angel Truck Co. Ltd.
Hunter, G., (London) Ltd.
Industrial Trucks Ltd.
Kings Cross Truck Co. Ltd.
Polymathic Engineering Co. Ltd.
Power Lifts Ltd.
Wilmat Handling Co. Ltd.

## LIFTS & HOISTS

ABR Food & Machinery Co. Ltd.
Abbott & Co. (Newark) Ltd.
Access Equipment Ltd.
Angel Truck Co. Ltd.
Barron, W. S., & Son Ltd.
Becker Equipment & Lifts Ltd.
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Brimpex Eccles Co. Ltd.
Compair Industrial Ltd.
Dexion Group of Companies
Eaton Ltd.
Foodtech Ltd.
Gimson & Co. (Leicester) Ltd.
Gough & Co. (Hanley) Ltd.
Hunter, G., (London) Ltd.
King, Geo. W., Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Martonair Ltd.
Mason, W. F., Ltd.
Paterson Hughes Engineering
Polymathic Engineering Co. Ltd.
Powell & Co.

Power Lifts Ltd.
Rubery Owen Conveyancer Ltd.
Russell Finex Ltd.
Sovex Marshall Ltd.
Wetter, J. C., Ltd.
Wilmat Handling Co. Ltd.

### LINING & LAMINATING MACHINES

Chambon Ltd.
Leader, Denis, Ltd.
Lotz Abbott & Co. Ltd.
Payne, F. C., & Co.

### LIQUID LEVEL CONTROLLERS

*See Level Controllers (Liquid)*

### LIQUID LEVEL RECORDERS, INDICATORS & CONTROLLERS

*See Level Recorders, Indicators and Controllers (Liquid)*

### LIQUID PACKAGING MACHINE

Bennett Swiftline Ltd.
Engelmann & Buckham Ltd.
Tetra Pak Ltd.
Weston-White Packaging Co.

### LIQUORICE PLANT

Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Johnson, A., & Co. (London) Ltd.
Lang-London-Ltd.
Payne, F. C., & Co.
Petzold, Henry, & Co.
Robinson, W. S., & Co.

### LOADERS (HYDRAULIC) SACK, BARREL & CRATE

Access Equipment Ltd.
Brimpex Eccles Co. Ltd.
Marryat Handling Ltd.
Powell & Co.
Power Lifts Ltd.
Randall, James H., & Son Ltd.
Sovex Marshall Ltd.
Wilmat Handling Co. Ltd.

### LOADERS (PORTABLE)

Angel Truck Co. Ltd.
Bennett Swiftline Ltd.
Collis Mechanical Handling Ltd.
Leader, Denis, Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Powell & Co.
Sovex Marshall Ltd.
Wilmat Handling Co. Ltd.

### LOLLIPOP BAGGING MACHINES

Alfred & Co. Ltd.
Bartleet, Norman, Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Hill & Dolman (Engs.) Ltd.
Ivers-Lee (G.B.) Ltd.
Robinson, W. S., & Co.
Vanmar Products Ltd.
Weston-White Packaging Co.

### LOLLIPOP CUT & WRAP MACHINES

Alfred & Co. Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Ivers-Lee (G.B.) Ltd.
Robinson, W. S., & Co.
Rose Forgrove Ltd.
Turner Automatic Machinery Co.

### LOLLIPOP MOULDS

*See Moulds (Lollipop)*

### LOLLIPOP PLANT

Alfred & Co. Ltd.
Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery

Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Ivers-Lee (G.B.) Ltd.
Lightfoot Refrigeration Co. Ltd.
Minikay Ltd.
Robinson, W. S., & Co.
Vanmar Products Ltd.
York Division of Borg-Warner Ltd.

### LOWERATORS

Bennett Swiftline Ltd.
Brimpex Eccles Co. Ltd.
Collis Mechanical Handling Ltd.
Davies, Pritchard & Richmond Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Gimson & Co. (Leicester) Ltd.
Greer, J. W., Co. Ltd.
Marryat Handling Ltd.
Power Lifts Ltd.
Selo-Bollans Ltd.
Sovex Marshall Ltd.
Tourell (Sales) Ltd.
Vanmar Products Ltd.
Wilmat Handling Co. Ltd.

### LOZENGE PLANT

Bramigk, & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Petzold, Henry, & Co.
Robinson, W. S., & Co.

### MACARONI MACHINES

Buhler-Miag (England) Ltd.
Convertex Machinery Ltd.
Record Bakery Equipment Co. Ltd.

### MAGNETIC SEPARATORS

*See Separators (Magnetic)*

### MALT EXTRACT PLANT

Blairs Ltd.
Bramigk & Co. Ltd.
Van den Bergh Walkinshaw
Vickers Ltd., Engineering Group
Willis Europlant Ltd.

### MARGARINE PROCESSING PLANT

A.P.V. Co. Ltd.
Alfa-Laval Co. Ltd.
Douglas-Rownson Ltd.
Hardaker, John T., (Food Machinery Ltd.)
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Minikay Ltd.
Payne, F. C., & Co.
Pennwalt Ltd.
Van den Bergh Walkinshaw
Wright Hargreaves Eng. Co.

### MARKING EQUIPMENT

Bramigk & Co. Ltd.
Croda Polymers Group Ltd.
Europack Eng. Co. Ltd.
Handy Angle
Hart, W. J., & Sons (London) Ltd.
Mark-O-Print Ltd.
Norprint Ltd.
Plura, Paul, & Co. Ltd.
Pryor, Edward & Son Ltd.
Rampart Inks Ltd.
Rejafix Ltd.
Sauven Marking Machine Co.
Speedry Magic Marker

### MARMALADE PLANT

Brierley, Collier & Hartley Equipment Ltd.
Hart, W. J., & Sons (London) Ltd.
Hunter, Thomas, Ltd.
Manex & Co.
Revel Controls Ltd.
Skerman Group
Urschel International Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### MARSHMALLOW BEATERS

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Jahn (Huntingdon) Ltd.

Morton Machine Co. Ltd.
Oakes, E. T., Ltd.
Robinson, W. S., & Co.

### MARSHMALLOW PLANT

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Hansel, Otto, Machinery Ltd.
Johnson, A., & Co. (London) Ltd.
Oakes, E. T., Ltd.
Robinson, W. S., & Co.
Welch, J. A., (Plant & Vessel) Ltd

### MARZIPAN PLANT

Ataroth Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
Giusti, T., & Son Ltd.
ITC Systems
M. & M. Process Equipment Ltd.
Manex & Co.
Morton Machine Co. Ltd.
Payne, F. C., & Co.
Petzold, Henry, & Co.
Robinson, W. S., & Co.
Simon-Vicars Ltd.
Telcon-Process
Urschel International Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### MEAT BALL & PATTY FORMING MACHINES

ABR Food Machinery Co. Ltd.
Atlas Equipment (London) Ltd.
Autopack Ltd.
Berendsen, S., Ltd.
Biro Food Machinery Ltd.
Foodtech Ltd.
Guylew Manfg. Co. Ltd.
Holroyd Food Machinery Ltd.
Selo-Bollans Ltd.

### MEAT CUTTERS

*See Cutters (Meat)*

### MEAT CUTTING BANDSAWS

*See Bandsaws (Meat)*

### MEAT EXTRACT CUBING MACHINES

ABR Food Machinery Co. Ltd.
Cornwell Products Ltd.
Hart, W. J., & Sons (London) Ltd.
Union Food Machinery & Equipment Ltd.
Wetter, J. C., Ltd.

### MEAT EXTRACT PANS

*See Pans (Meat Extract)*

### MEAT MIXERS

*See Mixers (Meat)*

### MEAT PRESSES

*See Presses (Meat)*

### MEATS (COOKED) WRAPPING MACHINES

*See Wrapping Machines (Cooked Meats)*

### MEAT SLICING MACHINES

*See Slicing Machines (Meat)*

### MEAT TENDERISING MACHINES

ABR Food Machinery Co. Ltd.
Ascoli Ltd.
Biro Food Machinery Ltd.
Bizerba Ltd.
Foodtech Ltd.
Hobart Manufacturing Co. Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Smith, O. L., &. Co. Ltd.
Union Food Machinery & Equipment Ltd.
Urschel International Ltd.
Wetter, J. C., & Co.

### MEAT TRAYS (TINNED STEEL)

*See Trays (Tinned Steel)*

### MELANGEURS

*See Chocolate Melangeurs*

### METAL DETECTORS

ABR Food Machinery Co. Ltd.
Food Process Installations
Goring Kerr Ltd.
Hart, W. J., & Sons (London) Ltd.
Lock, A. M., & Co. Ltd.
Loma Engineering Ltd.
Mesulect Ltd.
Rank Pullin Controls
Rapid Magnetic Ltd.
Robinson, W. S., & Co.
Simon-Barron Ltd.

### METERS (pH)

Foxboro-Yoxall Ltd.
Lock, A. M., & Co. Ltd.
Wright Hargreaves Eng. Co. Ltd.

### METERS & RECORDERS (pH)

Arcall Ltd.
Fielden Electronics Ltd.
Foxboro-Yoxall Ltd.
Lock, A. M., & Co. Ltd.
Wright Hargreaves Eng. Co. Ltd.

### MILK CLARIFIERS

Alfa-Laval Co. Ltd.
Dairy Supply Co.
Hiron & Rempler Ltd.
Westfalia Separator Ltd.
Wright Hargreaves Eng. Co.

### MILK (CONDENSED) FILLING MACHINES

*See Filling Machines (Condensed Milk)*

### MILK FILTERS

*See Filters (Milk)*

### MILK HEATERS

*See Heaters (Milk)*

### MILK PASTEURISATION PLANT

*See Pasteurisers (Milk)*

### MILK PLANT (EVAPORATED)

*See Evaporated Milk Plant*

### MILK POWDER PLANT

Albro Fillers & Engineering Co. Ltd.
Alcoa Container Systems (G.B.)
Associated Metal Works (Glasgow)
Ataroth Ltd.
Buhler-Miag (England) Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Gardners of Gloucester
Leybold-Heraeus Ltd.
Maitlands (Metal Works) Ltd.
Mojonnier Bros. Co.
Pennwalt Ltd.
Petzold, Henry, & Co.
Pontifex, H., & Sons Ltd.
Simon, Richard, & Sons Ltd.
Uesco Ltd.
Van den Bergh & Partners Ltd.
Winkworth Machinery Ltd.
Wright Hargreaves Eng. Co. Ltd.

### MILK PRE-COOLERS

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Dairy Supply Co.
Grenco Eng. & Contracting Ltd.
Lightfoot Refrigeration Co.
Mojonnier Bros. Co.
Morton, Robert, DG Ltd.
Perkins Boilers Ltd.
Van den Bergh & Partners Ltd.
Wright Hargreaves Eng. Co. Ltd.

### MILK PUMPS

*See Pumps (Milk)*

### MILK STORAGE TANKS

*See Tanks (Milk Storage)*

### MILLING MACHINES (FLOUR)

Alpine (Machinery) Ltd.
Balfour, Henry, & Co. Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Robinson, Thomas, & Son Ltd.

Simon-Barron Ltd.
Simon, Henry, Ltd.
Willis Europlant Ltd.

## MILLING MACHINES (OATS)

Balfour, Henry, & Co. Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Miracle Mills Ltd.
Robinson, Thomas, & Son Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Willis Europlant Ltd.

## MILLING MACHINES (RICE)

Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Grant, Lewis C.
Miracle Mills Ltd.
Robinson, Thomas, & Son Ltd.
Urschel International Ltd.
Willis Europlant Ltd.

## MILLING MACHINES (TEA)

Marshall's Tea Machinery
Simon-Barron Ltd.

## MILLS (ALMOND)

Ataroth Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
ITC Systems
Kek Ltd.
M. & M. Process Equipment Ltd.
Manex & Co.
Payne, F. C., & Co.
Telcon-Process
Urschel International Ltd.

## MILLS (BLANCHING)

Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Manex & Co.

## MILLS (COFFEE)

Bramigk & Co. Ltd.
Dell, Wm. R., & Sons Ltd.
Fairfax Engineering Ltd.
Herbert & Sons Ltd.
Hobart Manufacturing Co. Ltd.
Miracle Mills Ltd.
Robinson, Thomas, & Son Ltd.
Simon-Barron Ltd.

## MILLS (COLLOID)

Albrin Products Ltd.
Apex Construction Ltd.
Ataroth Ltd.
Baker Perkins Ltd.
ITC Systems
Kek Ltd.
Lang-London Ltd.
M. & M. Process Equipment Ltd.
Mitchell Engineering Ltd.
Moritz Chemical Engineering
Petzold, Henry, & Co.
Premier Colloid Mills Ltd.
Telcon Process
Union Food Machinery & Equipment Ltd.
Wetter, J. C., & Co.

## MILLS (DISC)

Bramigk & Co. Ltd.
British Rema Manufacturing
Kek Ltd.
M. & M. Process Equipment Ltd.
Orthos (Engineering) Ltd.
Simon-Barron Ltd.
Sturtevant Engineering Co. Ltd.

## MILLS (DRY GRINDING)

Aldersley Engineers Ltd.
Apex Construction Ltd.
Boulton, William, Ltd.
Bramigk & Co. Ltd.
British Rema Manufacturing
Clarke Chapman Ltd., Int. Combustion Div.
Cox's Machinery Ltd.
Follsain-Wycliffe Foundries Ltd.
Gardners of Gloucester
Hobart Manufacturing Co. Ltd.
Iwel Engineering Ltd.
Kek Ltd.
Miracle Mills Ltd.
Mitchell Engineering Ltd.

Moritz Chemical Engineering
Orthos (Engineering) Ltd.
Robinson, W. S., & Co.
Simon-Barron Ltd.
Sturtevant Engineering Co. Ltd.
Urschel International Ltd.

## MILLS (HAMMER)

Aldersley Engineers Ltd.
Apex Construction Ltd.
Balfour, Henry, & Co. Ltd.
British Rema Manufacturing
Buhler-Miag (England) Ltd.
Callow Engineering Ltd.
Clarke Chapman Ltd.,
  Int. Combustion Div.
Gardners of Gloucester
Iwel Engineering Ltd.
Jahn (Huntingdon)
Machinery Continental Packaging
Miracle Mills Ltd.
Moritz Chemical Engineering
Simon-Barron Ltd.
Simon, Henry, Ltd.
Sturtevant Engineering Co. Ltd.
Willis Europlant Ltd.

## MILLS (MALT)

Balfour, Henry, & Co. Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Miracle Mills Ltd.
Robinson, Thomas, & Son Ltd.
Willis Europlant Ltd.

## MILLS (ROLLER)

Artofex Engineering Works Ltd.
Bramigk & Co. Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
Gardners of Gloucester
International Combustion Ltd.
Moritz Chemical Engineering Ltd
Robinson, Thomas, & Son Ltd.
Robinson, W. S., & Co.
Simon-Barron Ltd.
Simon, Henry, Ltd.

## MILLS (WET GRINDING)

Ataroth Ltd.
Balfour, Henry, & Co. Ltd.
ITC Systems
Kek Ltd.
M. & M. Process Equipment Ltd.
Orthos (Engineering) Ltd.
Simon-Barron Ltd.
Telcon-Process
Urschel International Ltd.
Willis Europlant Ltd.

## MINCEMEAT MACHINERY

ABR Food Machinery Co. Ltd.
Apex Construction Ltd.
Barwin Engineering Co. Ltd.
Biro Food Machinery Ltd.
Bizerba Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Burgess Eng. Ltd.
Gardners of Gloucester
Hart, W. J., & Sons (London) Ltd.
Herbert & Sons Ltd
Hobart Manufacturing Co. Ltd.
Hunter, Thomas, Ltd.
M. & M. Process Equipment Ltd.
Morton Machine Co. Ltd.
Union Food Machinery &
  Equipment Ltd.
Urschel International Ltd.
Wetter, J. C., Ltd.

## MINCERS (MEAT)

ABR Food Machinery Co. Ltd.
Albrin Products Ltd.
Barwin Engineering Co. Ltd.
Biro Food Machinery Ltd.
Bizerba Ltd.
Crypto-Peerless Ltd.
Fairfax Engineering Ltd.
Foodtech Ltd.
Hart, W. J., & Sons (London) Ltd.
Herbert & Sons Ltd.
Hobart Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
Holroyd Food Machinery Ltd.
Iwel Engineering Ltd.

M. & M. Process Equipment Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Smith, O. L., & Co. Ltd.
Union Food Machinery & Equipment Ltd.
Urschel International Ltd.
Wetter, J. C., & Co.

## MINCING MACHINES

ABR Food Machinery Co. Ltd.
Barwin Engineering Co. Ltd.
Biro Food Machinery Ltd.
Bizerba Ltd.
Fairfax Engineering Ltd.
Foodtech Ltd.
Hart, W. J., & Sons (London) Ltd.
Herbert & Sons Ltd.
Hobart Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equiment Ltd.
Orthos (Engineering) Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Union Food Machinery & Equipment Ltd.
Urschel International Ltd.
Vandome & Hart Ltd.
Wetter, J. C., & Co.

## MINERAL WATER PLANT

A.P.V. Co. Ltd.
Ataroth Ltd.
Beam Engineering Products Ltd.
Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Dico Packaging Engineers Ltd.
Engelmann & Buckham Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Meyer Dumore Int. Ltd.
Mojonnier Bros. Co.
Plenty & Son Ltd.
Telcon-Process
Vickers-Dawson
Webster, Isaac, & Sons Ltd.
Willis Europlant Ltd.

## MIXERS (BEVERAGE)

A.P.V.-Osborne Craig Ltd.
Apex Construction Ltd.
British Miller Hydro Co. Ltd.
Clayton, George S., Ltd.
Danks of Netherton
Erben, H., Ltd.
I. & P. Chemical Engineers Ltd.
ITC Systems
M. & M. Process Equipment Ltd.
Meyer Dumore Int. Ltd.
Moritz Chemical Engineering Co.
Nautamix (U.K.) Ltd.
Novotechnics Ltd.
Plenty & Son Ltd.
Telcon-Process
Vickers-Dawson
Watten Emulsifying Machines Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Willis Europlant Ltd.
Winkworth Machinery Ltd.

## MIXERS (CAKE)

ABR Food Machinery Co. Ltd.
Apex Construction Ltd.
Artofex Engineering Works Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Collins, Thomas, & Co. Ltd.
Coupe, Clifford, Ltd.
Cruickshank, James, Ltd.
Crypto-Peerless Ltd.
Custance, J. C., & Co. Ltd.
Fairfax Engineering Ltd.
Gardners of Gloucester
Gilbert, G. & R., Ltd.
Hardaker, John T., (Food Machinery) Ltd.
Hart, W. J., & Sons (London) Ltd.
Hobart Manufacturing Co. Ltd.
ITC Systems
Mason, W. F., Ltd.
Mono Universal Bakery Machinery
Morton Machine Co. Ltd.
Oakes, E. T., Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Plenty & Son Ltd.
RHM Ingredient Supplies Ltd.
Reads & Barrons

Record Bakery Equipment Co. Ltd.
Robinson, W. S., & Co.
Simon-Vicars Ltd.
Skerman Group
Tweedy of Burnley Ltd.
Union Food Machinery & Equipment Ltd.
Watten Emulsifying Machines Ltd.
Winkworth Machinery Ltd.

## MIXERS (CARAMEL)

ABR Food Machinery Co. Ltd.
Bartleet, Norman, Ltd.
Blundell & Crompton Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Emmerich (London) Ltd.
Hart, W. J., & Sons (London) Ltd.
Hobart Manufacturing Co. Ltd.
ITC Systems
Jahn (Huntingdon) Ltd.
Johnson, A., & Co. (London) Ltd
Lang-London Ltd.
Moritz Chemical Engineering Ltd.
Morton Machine Co. Ltd.
Nautamix (U.K.) Ltd.
Petzold, Henry, & Co.
Plenty & Son Ltd.
Robinson, W. S., & Co.
Skerman Group
Tourell (Sales) Ltd.
Welch, J. A., (Plant & Vessel)
Winkworth Machinery Ltd.

## MIXERS (CHOCOLATE)

A.P.V.-Osborne Craig Ltd.
Ajax Equipment (Bolton) Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Blundell & Crompton Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
Calmic Engineering Div.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Danks of Netherton
Emmerich (London) Ltd.
Fairfax Engineering Ltd.
Gardners of Gloucester
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Hobart Manufacturing Co. Ltd.
ITC Systems
Jahn (Huntingdon) Ltd.
Lang-London Ltd.
Manor Engineering Co. Ltd.
Morton Machine Co. Ltd.
Nautamix (U.K.) Ltd.
Petzold, Henry, & Co.
Plenty & Son
Robinson, W. S., & Co.
Skerman Group
Tourell (Sales) Ltd.
Welch, J. A., (Plant & Vessel)
Winkworth Machinery Ltd.

## MIXERS (CHUTNEY)

A.P.V.-Osborne Craig Ltd.
Ajax Equipment (Bolton) Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Giusti, T., & Sons Ltd.
Hart, W. J., & Sons (London) Ltd.
ITC Systems
Nautamix (U.K.) Ltd.
Plenty & Son Ltd.
Silverson Machines Ltd.
Welch, J. A., (Plant & Vessel)
Winkworth Machinery Ltd.

## MIXERS (CONTINUOUS)

A.P.V. Co. Ltd.
Ajax Equipment (Bolton) Ltd.
Apex Construction Ltd.
Arenco-Alite Ltd.
Baker Perkins Ltd.
Balfour, Henry, & Co. Ltd.
Bartleet, Norman, Ltd.
Becketts Bakery Engineers Ltd.
Chemineer Ltd.
Cornwell Products Ltd.
Gardners of Gloucester

I. & P. Chemical Engineers Ltd.
Johnson, A., & Co. (London) Ltd.
Lightnin Mixers Ltd.
M. & M. Process Equipment Ltd.
Moritz Chemical Engineering Ltd.
Morton Machine Co. Ltd.
Nautamix (U.K.) Ltd.
Oakes, E. T., Ltd.
Payne, F. C., & Co.
Petzold, Henry, & Co.
Plenty & Son
Robinson, W. S., & Co.
Silverson Machines Ltd.
Simon-Barron Ltd.
Stockdale Engineering Ltd.
Tourell (Sales) Ltd.
Uesco Ltd.
Winkworth Machinery Ltd.

**MIXERS (CREAM)**

A.P.V.-Osborne Craig Ltd.
Ajax Equipment (Bolton) Ltd.
Alfred & Co. Ltd.
Apex Construction Ltd.
Baker Perkins Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Custance, J. C., & Co. Ltd.
Dairy Supply Co.
Fairfax Engineering Ltd.
Giusti, T., & Son Ltd.
Greaves, Joshua, & Sons Ltd.
Hardaker, John T., (Food
  Machinery) Ltd.
Hiron & Rempler Ltd.
Hobart Manufacturing Co. Ltd.
ITC Systems
Lang-London-Ltd.
Manor Engineering Co. Ltd.
Moritz Chemical Engineering
Morton Machine Co. Ltd.
Nautamix (U.K.) Ltd.
Oakes, E. T., Ltd.
Plenty & Son
Robinson, W. S., & Co.
Silverson Machines Ltd.
Simon-Vicars Ltd.
Skerman Group
Sorensen Bakery Equipment Co.
Tourell (Sales) Ltd.
Watten Emulsifying Machines Ltd.
Welch, J. A., (Plant & Vessel)
Winkworth Machinery Ltd.
Wright Hargreaves Eng. Co.

**MIXERS (DOUGH)**

*See Kneaders & Mixers (Dough)*

**MIXERS (DRUM)**

Apex Construction Ltd.
Baldock & Pearce Ltd.
Custance, J. C., & Co. Ltd.
Gardners of Gloucester
Hart, W. J., & Sons (London) Ltd.
Lang-London-Ltd.
Leader, Denis, Ltd.
Manesty Machines Ltd.
Morton Machine Co. Ltd.
Overstall & Sons Ltd.
Silverson Machines Ltd.
Simon-Barron Ltd.
Simon-Vicars Ltd.
Thompson, John, (Dudley) Ltd.
Winkworth Machinery Ltd.

**MIXERS (DRY PROCESS)**

Ajax Equipment (Bolton) Ltd.
Alcoa Container Systems (G.B.)
Apex Construction Ltd.
Baldock & Pearce Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
British Rema Manufacturing
Coupe, Clifford, Ltd.
Emmerich (London) Ltd.
Gardners of Gloucester
Hobart Manufacturing Co. Ltd.
Jenkins of Retford Ltd.
Johnson, A., & Co. (London) Ltd.
Leader, Denis, Ltd.
Moritz Chemical Engineering Co.
Morton Machine Co. Ltd.
Nautamix (U.K.) Ltd.
Podmores (Engineers) Ltd.
Premier Colloid Mills Ltd.
Russell Finex Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Tourell (Sales) Ltd.

Uesco Ltd.
Welch, J. A., (Plant & Vessel)
Winkworth Machinery Ltd.

### MIXERS (FEED)

Ajax Equipment (Bolton) Ltd.
Blundell & Crompton Ltd.
Fairfax Engineering Ltd.
Gardners of Gloucester
Giusti, T., & Son Ltd.
Morton Machine Co. Ltd.
Nautamix (U.K.) Ltd.
Plenty & Son Ltd.
Silverson Machines Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Winkworth Machinery Ltd.

### MIXERS (GRAIN)

Ajax Equipment (Bolton) Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Gardners of Gloucester
Leader, Denis, Ltd.
Moritz Chemical Engineering Co.
Nautamix (U.K.) Ltd.
Premier Colloid Mills Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Welch, J. A., (Plant & Vessel)
Winkworth Machinery Ltd.

### MIXERS (HORIZONTAL)

A.P.V. Co. Ltd.
Ajax Equipment (Bolton) Ltd.
Apex Construction Ltd.
Baker Perkins Ltd.
Baldock & Pearce Ltd.
Becketts Bakery Engineers Ltd.
Brierley, Collier & Hartley Equipment Ltd.
British Rema Manufacturing
Chemineer Ltd.
Clarke Chapman Ltd.
Coupe, Clifford, Ltd.
Danks of Netherton
Emmerich (London) Ltd.
Gardners of Gloucester
Giusti, T., & Son Ltd.
Hardaker, John T., (Food Machinery) Ltd.
Jenkins of Retford Ltd.
Lang-London-Ltd.
Lightnin Mixers Ltd.
Mason, W. F., Ltd.
Moritz Chemical Engineering Ltd.
Morton Machine Co. Ltd.
Payne, F. C., & Co.
Petzold, Henry, & Co.
Plenty & Son
Robinson, W. S., & Co.
Silverson Machines Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Simon-Vicars Ltd.
Skerman Group
Tourell (Sales) Ltd.
Union Food Machinery & Equipment Ltd.
Welch, J. A., (Plant & Vessel)
Wetter, J. C., & Co.
Winkworth Machinery Ltd.

### MIXERS (MEAT)

ABR Food Machinery Co. Ltd.
Albrin Products Ltd.
Artofex Engineering Works Ltd.
Barwin Engineering Co. Ltd.
Becketts Bakery Engineers Ltd.
Biro Food Machinery Ltd.
Bizerba Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Cruickshank, James, Ltd.
Crypto-Peerless Ltd.
Custance, J. C., & Co. Ltd.
Foodtech Ltd.
Gardner, John, & Son
Gilbert, G. & R., Ltd.
Giusti, T., & Son Ltd.
Hardaker, John T., (Food Machinery) Ltd.
Hart, W. J., & Sons (London) Ltd.
Herbert & Sons Ltd.
Hobart Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
Holroyd Food Machinery Ltd.
ITC Systems
Iwel Engineering Ltd.
Morton Machine Co. Ltd.
Petzold, Henry, & Co.
RHM Ingredient Supplies Ltd.

Selo-Bollans Ltd.
Skerman Group
Uesco Ltd.
Union Food Machinery & Equipment Ltd.
Wetter, J. C., & Co.
Winkworth Machinery Ltd.

## MIXERS (PASTE)

ABR Food Machinery Co. Ltd.
Ajax Equipment (Bolton) Ltd.
Apex Construction Ltd.
Becketts Bakery Engineers Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
Crypto-Peerless Ltd.
Emmerich (London) Ltd.
Gardners of Gloucester
Giusti, T., & Sons Ltd.
Hardaker, John T., (Food Machinery) Ltd.
Hart, W. J., & Sons (London) Ltd.
Hobart Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
ITC Systems
Jenkins of Retford Ltd.
Lang-London-Ltd.
Mono Universal Bakery Machinery
Moritz Chemical Engineering Ltd.
Morton Machine Co. Ltd.
Nautamix (U.K.) Ltd.
Petzold, Henry, & Co.
Plenty & Son
Silverson Machines Ltd.
Skerman Group
Telcon-Process
Tweedy of Burnley Ltd.
Union Food Machinery & Equipment Ltd.
Vickers Ltd. Engineering Group
Wetter, J. C., & Co.
Winkworth Machinery Ltd.

## MIXERS (PASTEURISER)

Alfred & Co. Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
ITC Systems
Lang-London-Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co.

## MIXERS (PORTABLE)

A.P.V.-Osborne Craig Ltd.
Apex Construction Ltd.
Becketts Bakery Engineers Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Chemineer Ltd.
Clayton, George S., Ltd.
Coupe, Clifford, Ltd.
Giusti, T., & Son Ltd.
Gough & Co. (Hanley) Ltd.
Greaves, Joshua, & Sons Ltd.
Hiron & Rempler Ltd.
I. & P. Chemical Engineers Ltd.
Lang-London-Ltd.
Lightnin Mixers Ltd.
M. & M. Process Equipment Ltd.
Moritz Chemical Engineering
Novotechnics Ltd.
Orthos (Engineering) Ltd.
Plenty & Son
Premier Colloid Mills Ltd.
Reads & Barrons
Silverson Machines Ltd.
Skerman Group
Stockdale Engineering Ltd.
TRF Pland Ltd.
Vickers Ltd., Engineering Group

## MIXERS (POWDER)

A.P.V.-Mitchell (Dryers) Ltd.
Ajax Equipment (Bolton) Ltd.
Alcoa Container Systems (G.B.)
Apex Construction Ltd.
Arenco-Alite Ltd.
Baldock & Pearce Ltd.
Becketts Bakery Engineers Ltd.
Bramigk & Co. Ltd.
British Rema Manufacturing
Buhler-Miag (England) Ltd.
Calmic Engineering Div.
Emmerich (London) Ltd.
Fairfax Engineering Ltd.
Gardners of Gloucester
Giusti, T., & Sons Ltd.

Hardaker, John T., (Food Machinery) Ltd.
Hobart Mfg. Co. Ltd.
ITC Systems
Jenkins of Retford Ltd.
Leader, Denis, Ltd.
Moritz Chemical Engineering
Morton Machine Co. Ltd.
Mulco Products
Nautamix (U.K.) Ltd.
Orthos (Engineering) Ltd.
Reads & Barrons
Robinson, W. S., & Co.
Simon-Barron Ltd.
Simon, Richard, & Sons Ltd.
Skerman Group
Sturtevant Engineering Co. Ltd.
Tourell (Sales) Ltd.
Tweedy of Burnley Ltd.
Welch, J. A., (Plant & Vessel)
Winkworth Machinery Ltd.

### MIXERS (PROPELLER TYPE)

A.P.V. Co. Ltd.
A.P.V.-Osborne Craig Ltd.
Apex Construction Ltd.
Ataroth Ltd.
Becketts Bakery Engineers Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Butterfield, W. P., (Engineers) Ltd.
Chemineer Ltd.
Clayton, George S., Ltd.
Coupe, Clifford, Ltd.
FMC Corporation (U.K.) Ltd.
Freeman, Taylor Ltd.
Giusti, T., & Son Ltd.
Gough & Co. (Hanley) Ltd.
Greaves, Joshua, & Sons Ltd.
Hiron & Rempler Ltd.
I. & P. Chemical Engineers Ltd.
Lang-London-Ltd.
Leader, Denis, Ltd.
Lightnin Mixers Ltd.
Low & Duff Ltd.
M. & M. Process Equipment Ltd.
Petzold, Henry, & Co.
Plenty & Son.
Podmores (Engineers) Ltd.
Premier Colloid Mills Ltd.
RHM Ingredient Supplies Ltd.
Randall, James H., & Son Ltd.
Stockdale Engineering Ltd.

### MIXERS (SIFTER)

Arenco-Alite Ltd.
Atlas Equipment (London) Ltd.
Baldock & Pearce Ltd.
Becketts Bakery Engineers Ltd.
Boulton, William, Ltd.
Crollie, J., & Son Ltd.
Custance, J. C., & Co. Ltd.
Gardners of Gloucester
Jenkins of Retford Ltd.
Lang-London-Ltd.
Locker Industries Ltd.
Morton Machine Co. Ltd.
Mulco Products
Nautamix (U.K.) Ltd.
Orthos (Engineering) Ltd.
Robinson, W. S., & Co.
Simon-Barron Ltd.
Skerman Group
Tweedy of Burnley Ltd.

### MIXERS (TURBO TYPE)

A.P.V.-Osborne Craig Ltd.
Apex Construction Ltd.
Bramigk & Co. Ltd.
Emmerich (London) Ltd.
Giusti, T., & Son Ltd.
Gough & Co. (Hanley) Ltd.
Greaves, Joshua, & Sons Ltd.
Hart, W. J., & Sons (London) Ltd.
I. & P. Chemical Engineers Ltd.
Lang-London-Ltd.
Lightnin Mixers Ltd.
M. & M. Process Equipment Ltd.
Moritz Chemical Engineering
Orthos (Engineering) Ltd.
Pelkman, John, Eng. Co.
Petzold, Henry, & Co.
Plenty & Son
Premier Colloid Mills Ltd.
Stockdale Engineering Ltd.
Turbo Tools (Hull) Ltd.
Watten Emulsifying Machines Ltd

### MIXERS (VACUUM)

ABR Food Machinery Co. Ltd.
A.P.V.-Osborne Craig Ltd.

Apex Construction Ltd.
Baker Perkins Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Emmerich (London) Ltd.
Foodtech Ltd.
Gardners of Gloucester
General Engineering Co.
Gilbert, G. & R., Ltd.
Giusti, T., & Son Ltd.
Greaves, Joshua, & Sons Ltd.
Holland, Peter, (Food Machinery)
ITC Systems
Lang-London-Ltd.
M. & M. Process Equipment Ltd.
Morton Machine Co. Ltd.
Nautamix (U.K.) Ltd.
Petzold, Henry, & Co.
Robinson, W. S., & Co.
Selo-Bollans Ltd.
Tweedy of Burnley Ltd.
Union Food Machinery & Equipment Ltd.
Wetter, J. C., & Co.
Winkworth Machinery Ltd.

## MIXERS (VERTICAL)

A.P.V. Co. Ltd.
A.P.V.-Osborne Craig Ltd.
Apex Construction Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Brierley, Collier & Hartley Equipment Ltd
Chemineer Ltd.
Clayton, George S., Ltd.
Crypto-Peerless Ltd.
Custance, J. C., & Co. Ltd.
Danks of Netherton
Electropower Gears Ltd.
Emmerich (London) Ltd.
Gardners of Gloucester
Gilbert, G. & R., Ltd.
Giusti, T., & Son Ltd.
Greaves, Joshua, & Sons Ltd.
Hobart Manufacturing Co. Ltd.
Hunt, John, (Bolton) Ltd
I. & P. Chemical Engineers Ltd
Jenkins of Retford Ltd.
Lang-London-Ltd.
Leader, Denis, Ltd.
Lightnin Mixers Ltd.
M. & M. Process Equipment Ltd.
Moritz Chemical Engineering Ltd.
Morton Machine Co., Ltd.
Nautamix (U.K.) Ltd.
Novotechnics Ltd.
Overstall & Sons Ltd.
Payne, F. C., & Co.
Plenty & Son
Reads & Barrons
Robinson, W. S., & Co.
Silverson Machines Ltd.
Simon-Barron Ltd.
Simon-Vicars Ltd.
Skerman Group
Stockdale Engineering Ltd.
Tourell (Sales) Ltd.
Welch, J. A., (Plant & Vessel)
Winkworth Machinery Ltd.

## MIXERS (WET PROCESS)

Ajax Equipment (Bolton) Ltd.
Apex Construction Ltd.
Baker Perkins Ltd.
Blundell & Crompton Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Calmic Engineering Div.
Coupe, Clifford, Ltd.
Danks of Netherton
Emmerich (London) Ltd.
FMC Corporation (U.K.) Ltd.
Gardners of Gloucester
Giusti, T. & Son Ltd.
Greaves, Joshua, & Sons Ltd.
Greer, J. W., Co. Ltd.
Hardaker, John T., (Food Machinery) Ltd.
Hobart Manufacturing Co. Ltd.
I. & P. Chemical Engineers Ltd.
ITC Systems
Johnson, A., & Co. (London) Ltd.
Kellie, Robert, & Son Ltd.
Lang-London-Ltd.
Lightnin Mixers Ltd.
M. & M. Process Equipment Ltd.
Moritz Chemical Engineering
Morton Machine Co. Ltd.
Nautamix (U.K.) Ltd.

Overstall & Sons Ltd.
Petzold, Henry, & Co.
Plenty & Son Ltd.
Premier Colloid Mills Ltd.
SSV Ltd.
Silverson Machines Ltd.
Stockdale Engineering Ltd.
Tourell (Sales) Ltd.
Tweedy of Burnley Ltd.
Winkworth Machinery Ltd.

### MOGULS

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn, F., & Co. Ltd.
Manex & Co.
Robinson, W. S., & Co.

### MOISTURE TESTERS

Buhler-Miag (England) Ltd.
Kappa Janes Ltd.
Marconi Instruments Ltd.
Orthos (Engineering) Ltd.
Shaw Moisture Meters
Simon, Henry, Ltd.

### MOLASSES PLANT

Blairs Ltd.
Pennwalt Ltd.
Plenty & Son Ltd.
Simon-Barron Ltd.
Van den Bergh Walkinshaw

### MOULDERS (DOUGH)

ABR Food Machinery Co. Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Collins, Thomas, & Co. Ltd.
Custance, J. C., & Co. Ltd.
Gilbert, G. & R., Ltd.
Manex & Co.
Mason, W. F., Ltd.
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Reads & Barrons
Record Bakery Equipment Co. Ltd.
Robinson, W. S., & Co. Ltd.
Tweedy of Burnley Ltd.

### MOULDING & WEIGHING MACHINES (BUTTER)

Bramigk & Co. Ltd.
Bristol Packaging Machines
Cornwell Products Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Llewellin, G., & Son Ltd.
Manex & Co.
Van den Bergh & Partners Ltd.
Wright Hargreaves Eng. Co.

### MOULDING MACHINES (BISCUIT)

Bartleet, Norman, Ltd.
Cornwell Products Ltd.
Hart, W. J., & Sons (London) Ltd.
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Record Bakery Equipment Co. Ltd.
Robinson, W. S., & Co. Ltd.
Simon-Vicars Ltd.
Van den Bergh Walkinshaw

### MOULDING MACHINES (BISCUIT) rotary

Becketts Bakery Engineers Ltd.
Cornwell Products Ltd.
Hart, W. J., & Sons (London) Ltd.
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Record Bakery Equipment Co. Ltd.
Robinson, W. S., & Co. Ltd.
Simon-Vicars Ltd.

### MOULDING PLANT (CHOCOLATE)

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Greer, J. W., & Co. Ltd.

Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Robinson, W. S. & Co.
Van den Bergh & Partners Ltd.

**MOULDING TABLES**
*See Tables (Moulding)*

**MOULDS & HOOPS (CHEESE)**
Dairy Supply Co.
Flower Faraday Ltd.
Johnson, A., & Co. (London) Ltd.
Lerner Machine Co. Ltd.
Wincanton Transport & Engineering Co. Ltd.
Wright Hargreaves Eng. Co.

**MOULDS (CHOCOLATE)**
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Hart, W. J., & Sons (London) Ltd.
Robinson, W. S., & Co
Welch J. A., (Plant & Vessel) Ltd.
Yorkshire Moulds Ltd.

**MOULDS (CHOCOLATE CENTRE)**
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Cornwell Products Ltd.
Hart, W. J., & Sons (London) Ltd.
Robinson, W. S., & Co.

**MOULDS (JELLY)**
Welch, J. A., (Plant & Vessel) Ltd.

**MOULDS (LOLLIPOP)**
Alfred & Co. Ltd.
Robinson, W. S., & Co.
Vanmar Products Ltd.

**MOULDS (METAL)**
Automated Packaging Systems
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
Cornwell Products Ltd.
Leader, Denis, Ltd.
Metal Units
Selo-Bollans Ltd.
Vanmar Products Ltd.
Welch, J. A., (Plant & Vessel)
Yorkshire Moulds Ltd.

**MOULDS (PLASTIC)**
Automated Packaging Systems
Bartleet, Norman, Ltd.
Buhler-Miag (England) Ltd.
Cornwell Products Ltd.
Engelmann & Buckham Ltd.
Leader, Denis, Ltd.
Noviss Plastics Ltd.
Yorkshire Moulds Ltd.

**MUFFIN MAKING MACHINES (AUTOMATIC)**
Pelkman, John, Eng. Co.

**MUSHROOM PROCESSING EQUIPMENT**
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Edwards High Vacuum
Food Process Installations
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Nautamix (U.K.) Ltd.
Urschel International Ltd.

**MUSTARD PLANT**
Ataroth Ltd.
M. & M. Process Equipment Ltd.
Telcon-Process
Urschel International Ltd.

**NOUGAT MACHINERY**
Bartleet, Norman, Ltd.
Bramigk, & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
Cornwell Products Ltd.
Hart, W. J., & Sons (London) Ltd.
Petzold, Henry, & Co.
Robinson, W. S., & Co.
Tourell (Sales) Ltd.

### NUT BLANCHERS

*See Blanchers (Nut)*

### NUT FRYING RANGES

Bramigk & Co. Ltd.
Guylew Manufacturing Co. Ltd.

### NUT MACHINERY

Ataroth Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
Gunson's Sortex Ltd.
Guylew Manufacturing Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
M. & M. Process Equipment Ltd.
Manex & Co.
Novotechnics Ltd.
Orthos (Engineering) Ltd.
Telcon-Process
Urschel International Ltd.

### NUT ROASTERS

*See Roasters (Nut)*

### OAT CLIPPERS

Aldersley Engineers Ltd.
Robinson, Thomas, & Son Ltd
Simon-Barron Ltd.
Simon, Henry, Ltd.

### OAT HULLERS

Bramigk & Co. Ltd.
Simon, Henry, Ltd.

### OAT POLISHERS

Bramigk & Co. Ltd.
Robinson, Thomas, & Son Ltd
Simon-Barron Ltd.
Simon, Henry, Ltd.

### OIL BLENDING PLANT

Apex Construction Ltd.
Asme Vessels Ltd.
Bran & Luebbe (Great Britain) Ltd
Douglas-Rownson Ltd.
Johnson, A., & Co. (London) Ltd.
Lightnin Mixers Ltd.
Moritz Chemical Engineering
Plenty & Son
Simon-Rosedowns Ltd.
Stockdale Engineering Ltd.

### OIL EXPELLERS

Bramigk, & Co. Ltd.
Selo-Bollans Ltd.
Shaw A. J., Co.
Simon-Rosedowns Ltd.

### OIL & FAT EXTRACTION & REFINING PLANT

Asme Vessels Ltd.
Ataroth Ltd.
Buhler-Miag (England) Ltd.
Hygrotherm Eng. Ltd.
Jobling, James A., & Co. Ltd.
Johnson, A., & Co. (London) Ltd.
Pennwalt Ltd.
Plenty & Son Ltd.
Shaw, A. J., Co.
Simon-Rosedowns Ltd.
Telcon-Process

### OIL HARDENING PLANT

*See Hydrogenation Plant*

### OVENS (BAKING)

Artofex Engineering Works Ltd.
Ascoli Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Bishop, Thomas, Ltd.
Bramigk & Co. Ltd.
Brown, W. A., & Harris Ltd.
Cornwell Products Ltd.
Cox Ovenbuilders Ltd.
Custance, J. C., & Co. Ltd.
Fairfax Engineering Ltd.
Gilbert, G. & R., Ltd.
Loughborough Ovens Ltd.
Mason, W. F., Ltd.
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Pelkman, John, Eng. Co.

RHM Ingredient Supplies Ltd.
Reads & Barrons
Robinson, W. S., & Co.
Simon-Vicars Ltd.
Spooner Food Machinery Engineering Co. Ltd.

### OVENS (BISCUIT)

Alfred & Co. Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Cox Ovenbuilders Ltd.
Gilbert, G. & R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Radyne Ltd.
Reads & Barrons
Robinson, W. S., & Co.
Simon-Vicars Ltd.
Spooner Food Machinery Eng. Co.

### OVENS (CONFECTIONERY)

A.P.V.-Mitchell (Dryers) Ltd.
Artofex Engineering Works Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Bramigk & Co. Ltd.
Collins, Thomas, & Co. Ltd.
Cornwell Products Ltd.
Cox Ovenbuilders Ltd.
Custance J. C., & Co. Ltd.
Gilbert, G. & R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Loughborough Ovens Ltd.
Mason, W. F., Ltd.
Mono Universal Bakery Machinery
Oakes, E. T., Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
RHM Ingredient Supplies Ltd.
Reads & Barrons
Robinson, W. S., & Co.
Simon-Vicars Ltd.
Spooner Food Machinery Engineering Co. Ltd.

### OVENS (ELECTRIC)

ABR Food Machinery Co. Ltd.
Apex Construction Ltd.
Ascoli Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Bishop, Thomas, Ltd.
Collins, Thomas, & Co. Ltd.
Cornwell Products Ltd.
Cox Ovenbuilders Ltd.
Custance, J. C., & Co. Ltd.
Gilbert, G. & R., Ltd.
Grundy (Teddington) Ltd.
Isopad Ltd.
Loughborough Ovens Ltd.
Oakes, E. T., Ltd.
Payne, F. C., & Co.
Power Lifts Ltd.
Reads & Barrons
Simon-Vicars Ltd.
Stewart Gill & Co. Ltd.
Tomlinsons (Rochdale) Ltd.

### OVENS (ELECTRONIC)

Cornwell Products Ltd.
Payne, F.C., & Co..
Radyne Ltd.
Stabilag Engineering Ltd.

### OVENS (GAS)

ABR Food Machinery Co. Ltd.
Artofex Engineering Works Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Bishop, Thomas, Ltd.
Collins, Thomas, & Co. Ltd.
Cornwell Products Ltd.
Cox Ovenbuilders Ltd.
Custance, J. C., & Co. Ltd.
Gilbert, G. & R., Ltd.
Invicta Sheet Metal Co. Ltd.
Loughborough Ovens Ltd.
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Reads & Barrons
Robinson, W. S., & Co.
Selo-Bollans Ltd.
Simon-Vicars Ltd.

Spooner Food Machinery Eng. Co. Ltd.
Stewart Gill & Co. Ltd.
Tomlinsons (Rochdale) Ltd.

### OVENS (PASTRY)

Artofex Engineering Works Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Collins, Thomas, & Co. Ltd.
Cornwell Products Ltd.
Cox Ovenbuilders Ltd.
Custance, J. C., & Co. Ltd.
Gilbert, G. & R., Ltd.
Invicta Sheet Metal Co. Ltd.
Loughborough Ovens Ltd.
Payne, F. C., & Co.
RHM Ingredient Supplies Ltd.
Reads & Barrons
Simon-Vicars Ltd.

### OVENS (ROTATING)

Artofex Engineering Works Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Collins, Thomas, & Co. Ltd.
Cornwell Products Ltd.
Cox Ovenbuilders Ltd.
Custance, J. C., & Co. Ltd.
Gilbert, G. & R., Ltd.
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Reads & Barrons

### OVENS (TRAVELLING)

Artofex Engineering Works Ltd.
Atlas Equipment (London) Ltd
Baker Perkins Ltd.
Collins, Thomas, & Co. Ltd.
Cornwell Products Ltd.
Cox Ovenbuilders Ltd.
Gilbert, G. & R., Ltd.
Mason, W. F., Ltd.
Oakes, E. T., Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Reads & Barrons
Robinson, W. S., & Co.
Sandvik Conveyors Ltd.
Simon-Vicars Ltd.
Spooner Food Machinery Eng. Co.
Tomlinsons (Rochdale) Ltd.

### OVENS (WAFER)

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Hart, W. J., & Sons (London) Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Robinson, W. S., & Co.
Simon-Vicars Ltd.

### OVER-PRINTING MACHINES

Anglo Continental Machines Ltd.
Bramigk & Co. Ltd.
Edlon Machinery Ltd.
Gosheron, John & Co. Ltd.
Label Processes
Milford-Astor Ltd.
Norprint Ltd.
Pitney-Bowes Ltd.
Rejafix Ltd.
Sauven Marking Machine Co.
Speedwork Labels Ltd.
Wix of London Ltd.

### OVERPRINTING MACHINES

*See also Coding*

### PACKAGING MACHINES (BACON)

ABR Food Machinery Co. Ltd.
Austin Packaging Group Ltd.
Bishop, Thomas, Ltd.
Blands International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Engineering Developments (Farnborough) Ltd.
Foodtech Ltd.
Grace, W. R., Ltd.
Multivac Packaging Systems Ltd.
Peters Packaging Ltd.
RWP Flexible Packaging
Rapmac Ltd.
Selo-Bollans Ltd.

Smith & Nephew Plastics Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh Walkinshaw

### PACKAGING MACHINES (CHEESE)

ABR Food Machinery Co. Ltd.
Austin Packaging Group Ltd.
Blands International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Bristol Packaging Machines
Cornwell Products Ltd.
Engineering Developments (Farnborough) Ltd.
Foodtech Ltd.
Grace, W. R., Ltd.
HTI Engineering
Lerner Machine Co. Ltd.
Machinery Continental Packaging Ltd.
Multivac Packaging Systems Ltd.
Pacunion Ltd.
Peters Packaging Ltd.
Petzold, Henry, & Co.
RWP Flexible Packaging
Rapmac Ltd.
Rose Forgrove Ltd.
Selo-Bollans Ltd.
Smith & Nephew Plastics Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh Walkinshaw

### PACKAGING MACHINES (COFFEE POWDER)

Albro Fillers & Engineering Co. Ltd.
Arenco-Alite Ltd.
Austin Packaging Group Ltd.
Autopack Ltd.
Auto Wrappers (Norwich) Ltd.
Autopack Ltd.
Bennett Swiftline Ltd.
Blands International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.

Bristol Packaging Machines
Cornwell Products Ltd.
Driver, Southall Ltd.
Engineering Developments (Farnborough) Ltd.
Foodtech Ltd.
Hamac Hansella Machinery Ltd.
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Multivac Packaging Systems Ltd.
Pacunion Ltd.
Petzold, Henry, & Co.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
SIG Swiss Industrial Co.
Stokes, F. J., Ltd.
Taylowe Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh Walkinshaw
Weston-White Packaging Co.

### PACKAGING MACHINES (FLOUR)

Austin Packaging Group Ltd.
Autopack Ltd.
Bennett Swiftline Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Bristol Packaging Machines
Cornwell Products Ltd.
Driver Southall Ltd.
Jahn (Maskiner) Ltd.
Petzold, Henry, & Co.
Rapmac Ltd.
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Wright Machinery Co. Ltd.

### PACKAGING MACHINES (FROZEN FOODS)

ABR Food Machinery Co. Ltd.
Acme Conveyors & Construction
Austin Packaging Group Ltd.

Autopack Ltd.
Auto Wrappers (Norwich) Ltd.
Bennett Swiftline Ltd.
Blands International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Doboy Ltd.
Driver Southall Ltd.
Engineering Developments (Farnborough) Ltd.
Formost Packaging Machines Ltd.
HTI Engineering
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Multivac Packaging Systems Ltd.
Novotechnics Ltd.
Pacunion Ltd.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Rapmac Ltd.
Rose Forgrove Ltd.
Sapal Ltd.
Selo-Bollans Ltd.
Sharp Intermatic Ltd.
Tillotsons (Liverpool) Ltd.

## PACKAGING MACHINES (FRUIT)

Austin Packaging Group Ltd.
Blands International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Driver-Southall Ltd.
Engineering Developments (Farnborough) Ltd.
Formost Packaging Machines Ltd.
Grace, W. R., Ltd.
Multivac Packaging Systems Ltd.
Novotechnics Ltd.
Pacunion Ltd.
Pneutronic Machine Co. Ltd.
Rapmac Ltd.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
Selo-Bollans Ltd.
Van den Bergh Walkinshaw

## PACKAGING MACHINES (MEAT PRODUCTS)

ABR Food Machinery Co. Ltd.
Austin Packaging Group Ltd.
Auto Wrappers (Norwich) Ltd.
Blands International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Engineering Developments (Farnborough) Ltd.
Formost Packaging Machines Ltd.
Grace, W. R., Ltd.
HTI Engineering
Ivers-Lee (G.B.) Ltd.
Metal Units
Multivac Packaging Systems Ltd.
Pacunion Ltd.
Peters Packaging Ltd.
RWP Flexible Packaging
Rapmac Ltd.
Rockwell Packaging Machines Ltd.
Rose Forgrove Ltd.
Selo-Bollans Ltd.
Smith & Nephew Plastics Ltd.
Tillotsons (Liverpool) Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh Walkinshaw

## PACKAGING MACHINES (PEA)

Austin Packaging Group Ltd.
Bennett Swiftline Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Driver Southall Ltd.
Emhart (U.K.) Ltd.
FMC Corporation (U.K.) Ltd.
Formost Packaging Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Maskiner) Ltd.
Mather & Platt Ltd.
Pacunion Ltd.
Petzold, Henry, & Co.
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.

Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Taylowe Ltd.
Transmatic Fyllan Ltd.
Van den Bergh Walkinshaw
Wright Machinery Co. Ltd.

**PACKAGING MACHINES (POWDER)**

Albro Fillers & Engineering Co.
Arenco-Alite Ltd.
Austin Packaging Group Ltd.
Autopack Ltd.
Baker Perkins Ltd.
Bennett Swiftline Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Bristol Packaging Machines
Driver Southall Ltd.
Emhart (U.K.) Ltd.
Formost Packaging Machines Ltd.
HTI Engineering
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Pacunion Ltd.
Pneutronic Machine Co. Ltd.
Rapmac Ltd.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Van den Bergh Walkinshaw
Weston-White Packaging Co.
Wright Machinery Co. Ltd.

**PACKAGING MACHINES (TEA)**

Arenco-Alite Ltd.
Austin Packaging Group Ltd.
Bosch, Robert, Packaging Machinery
Cornwell Products Ltd.
Driver Southall Ltd.
Emhart (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Novotechnics Ltd.
Pacunion Ltd.
Petzold, Henry, & Co.
Pneutronic Machine Co. Ltd.
Rapmac Ltd.
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Taylowe Ltd.
Transmatic Fyllan Ltd.
Van den Bergh Walkinshaw
Vickers Ltd. Engineering Group

**PACKAGING MACHINES (VACUUM)**

ABR Food Machinery Co. Ltd.
Blands International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Edwards High Vacuum
Grace, W. R., Ltd.
HTI Engineering
Interfood Technology Ltd.
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Lerner Machine Co. Ltd.
Machinery Continental Packaging
Multivac Packaging Systems Ltd.
Pacunion Ltd.
RWP Flexible Packaging
Rapmac Ltd.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
SIG Swiss Industrial Co.
Selo-Bollans Ltd.
Smith & Nephew Plastics Ltd.
Taylowe Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh Walkinshaw
Weston-White Packaging Co.

**PACKETING MACHINES**

Baker Perkins Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Convertex Machinery Ltd.
Cornwell Products Ltd.
Emhart (U.K.) Ltd.

Hart, W. J., & Sons (London) Ltd.
Jackson, J. G., & Crockatt Ltd.
Jahn (Maskiner) Ltd.
Lotz Abbott & Co. Ltd.
Robinson, W. G., & Co.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Simon, Richard, & Sons Ltd.
Turner Automatic Machinery Co.

## PACKETING MACHINES (SALT)

Bosch, Robert, Packaging Machines
Bramigk & Co. Ltd.
Convertex Machinery Ltd.
Cornwell Products Ltd.
Hart, W. J., & Sons (London) Ltd.
Jackson, J. G., & Crockatt Ltd.
Jahn (Maskiner) Ltd.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.

## PACKING MACHINERY (BOTTLE)

Arcall Ltd.
Austin Packaging Group Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
British Miller Hydro Co. Ltd.
Clayton, George S., Ltd.
Doboy Ltd.
Engelmann & Buckham Ltd.
Engineering Developments (Farnborough) Ltd.
Erben, H., Ltd.
Fords (Finsbury) Ltd.
Gimson & Co. (Leicester) Ltd.
Kane, Frederick C., Ltd.
Machinery Continental Packaging
Mather & Platt Ltd.
Rapmac Ltd.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Tillotsons (Liverpool) Ltd.
Van den Bergh Walkinshaw
Vickers Ltd. Engineering Group

## PACKING TABLES (CONVEYOR)

*See Tables (Packaging) Conveyor*

## PALLET LOADERS

Angel Truck Co. Ltd.
Bambergers Materials Handling
Bland International Packaging
Bosch, Robert, Packaging Machinery
Collis Mechanical Handling Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Gimson & Co. (Leicester) Ltd.
Holland, Peter, (Food Machinery) Ltd.
Jahn (Maskiner) Ltd.
Machinery Continental Packaging
Power Lifts Ltd.
Rockwell Packaging Machines Ltd.
Rubery Owen Conveyancer Ltd.
Sovex Marshall Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Willis Europlant Ltd.
Wilmat Handling Co. Ltd.

## PALLETIZING & DEPALLETIZING MACHINES (CANS & GLASS CONTAINERS)

Bosch, Robert, Packaging Machinery
Collis Mechanical Handling Ltd.
Food Process Installations
Holland, Peter, (Food Machinery)
Lodematic Ltd.
Machinery Continental Packaging
Metal Box Co. Ltd.
Pantin, W. & C., Ltd.
Power, F. A., Ltd.
Power Lifts Ltd.
Rockwell Packaging Machines Ltd.
Sovex Marshall Ltd.
Van den Bergh Walkinshaw
Vickers-Dawson
Willis Europlant Ltd.

### PALLETS (FIBRE GLASS)

Alcoa Container Systems (G.B.)
Bambergers Materials Handling
Durapipe & Lamberts Sales
Van den Bergh Walkinshaw

### PALLETS (PLASTIC)

Alcoa Container Systems (G.B.)
Angel Truck Co. Ltd.
Bambergers Materials Handling
Dexion Group of Companies
Durapipe & Lamberts Sales
Van den Bergh Walkinshaw
WCB Containers Ltd.

### PALLETS (STEEL)

Acme Conveyors & Construction
Angel Truck Co. Ltd.
Associated Crates Ltd.
Bambergers Materials Handling
Bennett Swiftline Ltd.
Bishop, Thomas, Ltd.
Butterley Engineering Co. Ltd.
Collis Mechanical Handling Ltd.
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Hunter, G., (London) Ltd.
Kings Cross Truck Co. Ltd.
Lawton Pallets Ltd.
M.G.K. Engineering Co. Ltd.
Montgomerie Reid Ltd.
Omic Ltd.
Power Lifts Ltd.
Redman Fisher Eng. Ltd.
Rubery, Owen (Wrexham) Ltd.
Star Welding Co.
Towers (Sunderland) Ltd.
Tyne Truck & Trolley Co. Ltd.
Wilmat Handling Co. Ltd.

### PALLETS (TUBULAR STEEL)

Acme Conveyors & Construction
Angel Truck Co. Ltd.
Associated Crates Ltd.
Bambergers Materials Handling
Bennett Swiftline Ltd.
Collis Mechanical Handling Ltd.
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Gascoigne, Gush & Dent
Hunter, G., (London) Ltd.
Kings Cross Truck Co. Ltd.
Lawton Pallets Ltd.
M.G.K. Engineering Ltd.
Omic Ltd.
Power Lifts Ltd.
Redman Fisher Eng. Ltd.
Rubery, Owen (Wrexham) Ltd.
Towers (Sunderland) Ltd.
Wilmat Handling Co. Ltd.

### PALLETS (WOOD)

Bambergers Materials Handling
Collis Mechanical Handling Ltd.
Dairy Supply Co.
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Eccles Engineering Ltd.
Hart, W. J., & Sons (London) Ltd.
Hunter, G., (London) Ltd.
Kings Cross Truck Co. Ltd.
M.G.K. Engineering Ltd.
Omic Ltd.
Redman Fisher Eng. Ltd.
Redmond, Philip, & Sons Ltd.
Slingsby, H. C., Ltd.
Tilgate Pallets Ltd.
Youngman, W. C., Ltd.

### PANS (ALUMINIUM)

ABR Food Machinery Co. Ltd.
A.P.V. Co. Ltd.
Apex Construction Ltd.
Asme Vessels Ltd.
Associated Metal Works
  (Glasgow) Ltd.
Blundell & Crompton Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Coupe, Clifford, Ltd.
Crollie, J., & Son Ltd.
Fairfax Engineering Ltd.
G.A.L. Products Ltd.
Giusti, T., & Son Ltd.
Grundy (Teddington) Ltd.
Johnson, A., & Co.
  (London) Ltd.
Maitlands (Metal Works) Ltd.
Pontifex, H., & Sons Ltd.

Prestige Industrial Ltd.
Ramsden, R., & Son Ltd.
Selo-Bollans Ltd.
Warwick Production Co. Ltd.
Welch, J. A., (Plant & Vessel)

**PANS (BAKING)**
Cornwell Products Ltd.
G.A.L. Products Ltd.
Invicta Sheet Metal Co. Ltd.
Prestige Industrial Ltd.
Pullman Pans Ltd.

**PANS (BOGIE)**
ABR Food Machinery Co. Ltd.
A.P.V. Co. Ltd.
Associated Metal Works (Glasgow) Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Ease-E-Load Trolleys Ltd.
Giusti, T., & Son Ltd.
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Ramsden, R., & Son Ltd.
SSV Ltd.
Selo-Bollans Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

**PANS (CARRYING)**
Associated Metal Works (Glasgow) Ltd.
Blundell & Crompton Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Crollie, J., & Sons Ltd.
Giusti, T., & Son Ltd.
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Prestige Industrial Ltd.
Ramsden, R., & Son Ltd.
Skerman Group
Slingsby, H. C., Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

**PANS (CHOCOLATE)**
**melting & dipping**
Alfred & Co. Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Blundell & Crompton Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
Giusti, T., & Son Ltd.
Hansel, Otto, Machinery Ltd.
Jahn (Huntingdon) Ltd.
Manor Engineering Co. Ltd.
Robinson, W. S., & Co.
Vanmar Products Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

**PANS (COIL)**
A.P.V. Co. Ltd.
Apex Construction Ltd.
Asme Vessels Ltd.
Blairs Ltd.
Blundell & Crompton Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Giusti, T., & Son Ltd.
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Morton, Robert, DG Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
SSV Ltd.
Skerman Group
Welch, J. A. (Plant & Vessel) Ltd.

**PANS (COMFIT)**
Bartleet, Norman, Ltd.
Blundell & Crompton Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Skerman Group
Tourell (Sales) Ltd.
Welch, J. A. (Plant & Vessel)

**PANS (COOLING)**
A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Asme Vessels Ltd.
Blundell & Crompton Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.

Clarke Chapman Ltd.
Dairy Supply Co.
Douglas-Rownson Ltd.
Giusti, T., & Son Ltd.
ITC Systems
Johnson, A., & Co. (London) Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Skerman Group
Welch, J. A., (Plant & Vessel)

## PANS (COPPER)

Apex Construction Ltd.
Asme Vessels Ltd.
Bartleet, Norman, Ltd.
Blairs Ltd.
Blundell & Crompton Ltd.
Bramigk & Co. Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Clayton, George S., Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Johnson, A., & Co. (London) Ltd.
Pontifex, H., & Sons Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Skerman Group
Vickers Ltd., Engineering Group
Welch, J. A. (Plant & Vessel)

## PANS (DRAGEE)

Apex Construction Ltd.
Anglo Continental Machines Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Pontifex, H., & Sons Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Skerman Group
Tourell (Sales) Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## PANS (ELECTRICALLY HEATED)

ABR Food Machinery Co. Ltd.
Alfred & Co. Ltd.
Becketts Bakery Engineers Ltd.
Bishop, Thomas, Ltd.
Bramigk & Co. Ltd.
Giusti, T., & Son Ltd.
Ramsden, R., & Son Ltd.
Roberts Filling Machines
SSV Ltd.
Stabilag Engineering Ltd.
TRF Pland Ltd.
Welch, J. A., (Plant & Vessel)

## PANS (ENAMELLED)

ABR Food Machinery Co. Ltd.
Ramsden, R., & Son Ltd.

## PANS (FLAVOURING)

ABR Food Machinery Co. Ltd.
Clayton, George S., Ltd.
Giusti, T., & Son Ltd.
Ramsden, R., & Son Ltd.
Skerman Group

## PANS (GAS-FIRED)

ABR Food Machinery Co. Ltd.
Alfred & Co. Ltd.
Bishop, Thomas, Ltd.
Brierley, Collier &
  Hartley Equipment Ltd.
Giusti, T., & Son Ltd.
Hansel, Otto, Machinery Ltd.
Johnson, A., & Co. (London) Ltd.
Loughborough Ovens Ltd.
Ramsden, R., & Son Ltd.
Roberts Filling Machines
Robinson, W. S., & Co.
SSV Ltd.
Skerman Group
Tourell (Sales) Ltd.
Welch, J. A., (Plant & Vessel)

## PANS (JACKETED)

ABR Food Machinery Co. Ltd.
A.P.V. Co. Ltd.
Abbott & Co. (Newark) Ltd.
Alfred & Co. Ltd.

Apex Construction Ltd.
Asme Vessels Ltd.
Associated Metal Works (Glasgow) Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Barwin Engineering Co. Ltd.
Becketts Bakery Engineers Ltd.
Berendsen, S., Ltd.
Bishop, Thomas, Ltd.
Blundell & Crompton Ltd.
Bosch, Robert, Packaging Machinery
Brierley, Collier & Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Butterfield, W. P., (Engineers) Ltd.
Clarke Chapman Ltd.
Clayton, George S., Ltd.
Douglas-Rownson Ltd.
Fraser, John, & Son Ltd.
Giusti, T., & Son Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
ITC Systems
Iwel Engineering Ltd.
Johnson, A., & Co. (London) Ltd.
Loughborough Ovens Ltd.
Maitlands (Metal Works) Ltd.
Perkins Boilers Ltd.
Pontifex, H., & Sons Ltd.
RHM Ingredient Supplies Ltd.
Ramsden, R., & Son Ltd.
Roberts Filling Machines
Robinson, W. S., & Co.
SSV Ltd.
Selo-Bollans Ltd.
Skerman Group
TRF Pland Ltd.
Tourell (Sales) Ltd.
Union Food Machinery & Equipment Ltd.
Vickers Ltd., Engineering Group
Welch, J. A., (Plant & Vessel)
Wetter, J. C., & Co.
Wincanton Desco

## PANS (JAM)

A.P.V. Co. Ltd.
Apex Construction Ltd.
Blundell & Crompton Ltd.
Bosch, Robert, Packaging Machinery
Brierley, Collier & Hartley Equipment Ltd.
Butterfield, W. P., (Engineers) Ltd
G.A.L. Products Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
ITC Systems
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Pontifex, H., & Sons Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
SSV Ltd.
Skerman Group
TRF Pland Ltd.
Welch, J. A., (Plant & Vessel)

## PANS (MARMALADE)

Blundell & Crompton Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
ITC Systems
Maitlands (Metal Works) Ltd.
Ramsden, R., & Son Ltd.
Skerman Group
Welch, J. A., (Plant & Vessel)

## PANS (MEAT EXTRACT)

ABR Food Machinery Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Iwel Engineering Ltd.

## PANS (MILD STEEL)

Abbott & Co. (Newark) Ltd.
Apex Construction Ltd.
Associated Metal Works (Glasgow) Ltd.
Blairs Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Butterfield, W. P., (Engineers) Ltd.
Butterley Engineering Co. Ltd.
Clarke Chapman Ltd.
Clayton, George S., Ltd.

Crollie, J., & Sons Ltd.
Dairy Supply Co.
Douglas-Rownson Ltd.
Fairfax Engineering Ltd.
Fraser, John, & Son Ltd.
Gimson & Co. (Leicester) Ltd.
Giusti, T., & Son Ltd.
Greaves, Joshua, & Sons Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
London Aluminium Co. Ltd.
Loughborough Ovens Ltd.
Maitlands (Metal Works) Ltd.
Perkins Boilers Ltd.
Potter, F. W., & Soar Ltd.
Prestige Industrial Ltd.
Pullman Pans Ltd.
Ramsden, R., & Son Ltd.
Roberts Filling Machine
Rubery, Owen & Co. Ltd.
Silent Machine & Engineering
Welch, J. A., (Plant & Vessel)
Wincanton Desco

## PANS (MIXING)

ABR Food Machinery Co. Ltd.
Apex Construction Ltd.
Asme Vessels Ltd.
Associated Metal Works (Glasgow) Ltd.
Blundell & Crompton Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Butterfield, W. P., (Engineers) Ltd.
Clayton, George S., Ltd.
Coupe, Clifford, Ltd.
Douglas-Rownson Ltd.
Giusti, T., & Son Ltd.
Lang-London-Ltd.
Maitlands (Metal Works) Ltd.
Pontifex, H., & Sons Ltd.
Roberts Filling Machines
Robinson, W. S., & Co.
SSV Ltd.
Skerman Group
TRF Pland Ltd.
Tourell (Sales) Ltd.
Welch, J. A., (Plant & Vessel)

## PANS (NICKEL)

A.P.V. Co. Ltd.
Apex Construction Ltd.
Associated Metal Works (Glasgow) Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Clarke Chapman Ltd.
Giusti, T., & Son Ltd.
Maitlands (Metal Works) Ltd.
Ramsden, R., & Son Ltd.
SSV Ltd.
Welch, J. A., (Plant & Vessel)

## PANS (PLASTIC)

Durapipe & Lamberts Sales
Forbes, Kenneth, (Plastics) Ltd.

## PANS (POURING)

A.P.V. Co. Ltd.
Blundell & Crompton Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Dairy Supply Co.
Giusti, T., & Son Ltd.
Johnson, A., & Co. (London) Ltd
Maitlands (Metal Works) Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Skerman Group
Welch, J. A., (Plant & Vessel)

## PANS (PRESERVING)

A.P.V. Co. Ltd.
Blundell & Crompton Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Butterfield, W. P., (Engineers) Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
ITC Systems
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Skerman Group
Welch, J. A., (Plant & Vessel)

## PANS (REVOLVING)

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Pontifex, H., & Sons Ltd.
Robinson, W. S., & Co.
Skerman Group
Welch, J. A., (Plant & Vessel)

## PANS (SAUCE)

A.P.V. Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Giusti, T. & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S. & Co.
Skerman Group
Welch, J. A., (Plant & Vessel)

## PANS (SOUP)

A.P.V. Co. Ltd.
Associated Metal Works (Glasgow)
Brierley, Collier & Hartley Equipment Ltd.
Butterfield, W. P., (Engineers) Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Welch, J. A., (Plant & Vessel)

## PANS (STAINLESS STEEL)

ABR Food Machinery Co. Ltd.
A.P.V. Co. Ltd.
Abbott & Co. (Newark) Ltd
Alfred & Co. Ltd.
Apex Construction Ltd.
Asme Vessels Ltd.
Associated Metal Works (Glasgow) Ltd.
Bartleet, Norman, Ltd.
Becketts Bakery Engineers Ltd.
Berendsen, S., Ltd.
Bishop, Thomas, Ltd.
Braby-Llewellins & James Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Butterfield, W. P., (Engineers) Ltd.
Clarke Chapman Ltd.
Clayton, George S., Ltd.
Coupe, Clifford, Ltd.
Crollie, J., & Son Ltd.
Dairy Supply Co.
Douglas-Rownson Ltd.
Fairfax Engineering Ltd.
Filling Machines Ltd.
Freeman, Taylor Ltd.
Giusti, T., & Son Ltd.
Greaves, Joshua, & Sons Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Morton, Robert, DG Ltd.
Perkins Boilers Ltd.
Platt International Ltd.
Pontifex, H., & Sons Ltd.
Potter, F. W., & Soar Ltd.
Premier Colloid Mills Ltd.
RHM Ingredient Supplies Ltd.
Ramsden, R., & Son Ltd.
Roberts Filling Machines
Robinson, W. S., & Co.
SSV Ltd.
Skerman Group
Stabilag Engineering Ltd.
TRF Pland Ltd.
Tourell (Sales) Ltd.
Vanmar Products Ltd.
Vickers Ltd., Engineering Group
Welch, J. A., (Plant & Vessel)
Wetter, J. C., & Co.
Wincanton Desco

## PANS (SYRUP)

A.P.V. Co. Ltd.
Apex Construction Ltd.
Associated Metal Works (Glasgow) Ltd.
Bartleet, Norman, Ltd.
Blairs Ltd.
Blundell & Crompton Ltd.

Bosch, Robert, Packaging Machinery
Brierley, Collier & Hartley Equipment Ltd.
Clayton, George S., Ltd.
Giusti, T., & Son Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Ramsden, R., & Son Ltd.
Skerman Group
Vickers Ltd., Engineering Group
Welch, J. A., (Plant & Vessel)

## PANS (TILTING MIXER)

Artofex Engineering Works Ltd.
Associated Metal Works (Glasgow) Ltd.
Bartleet, Norman, Ltd.
Becketts Bakery Engineers Ltd.
Blundell & Crompton Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Butterfield, W. P., (Engineers) Ltd.
Clarke Chapman Ltd.
Collins, Thomas, & Co. Ltd.
Freeman, Taylor Ltd.
Giusti, T., & Son Ltd.
Greaves, Joshua, & Sons Ltd.
ITC Systems
Johnson, A., & Co. (London) Ltd.
Lang-London-Ltd.
Maitlands (Metal Works) Ltd.
Orthos (Engineering) Ltd.
Payne, F.C., & Co.
Pontifex, H., & Sons Ltd.
Petzold, Henry, & Co.
Ramsden, R., & Son Ltd.
Reads & Barrons
Robinson, W. S., & Co.
SSV Ltd.
Skerman Group
TRF Pland Ltd.
Tourell (Sales) Ltd.
Welch, J. A., (Plant & Vessel)

## PANS (VACUUM)

A.P.V. Co. Ltd.
A.P V.-Mitchell (Dryers) Ltd.
Apex Construction Ltd.
Asme Vessels Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Blairs Ltd.
Blundell & Crompton Ltd.
Bosch, Robert, Packaging Machinery
Brierley, Collier & Hartley Equipment Ltd.
Butterfield, W. P., (Engineers) Ltd.
Clarke Chapman Ltd.
Freeman, Taylor Ltd.
General Engineering Co.
Giusti, T., & Son Ltd
Hart, W. J., & Sons (London) Ltd.
ITC Systems
Johnson, A., & Co. (London) Ltd
Leybold-Heraeus Ltd.
M. M. Process Equipment Ltd.
Maitlands (Metal Works) Ltd.
Morton, Robert, DG Ltd.
Pontifex, H., & Sons Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
SSV Ltd.
Skerman Group
Tourell (Sales) Ltd.
Welch, J. A., (Plant & Vessel)

## PASTEURISERS (CREAM)

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Dairy Supply Co.
Giusti, T., & Son Ltd.
Johnson, A., & Co.
Perkins Boilers Ltd.
Van den Bergh & Partners Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co. Ltd.

## PASTEURISERS (ICE CREAM)

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Associated Metal Works (Glasgow) Ltd.
C.P. Equipment Ltd.
Cherry-Burrell Ltd.

Dairy Supply Co.
Engelmann & Buckham Ltd.
Giusti, T., & Son Ltd.
Hamilton, James, & Sons
Johnson, A., & Co. (London) Ltd.
Perkins Boilers Ltd.
Van den Bergh & Partners Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co.

### PASTEURISERS (LIQUID EGG)

A.P.V. Co. Ltd.
Cornwell Products Ltd.
Dairy Supply Co.
Engelmann & Buckham Ltd.
Giusti, T., & Son Ltd.
Grenco Eng. & Contracting Ltd.
Van den Bergh & Partners Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co. Ltd.

### PASTEURISERS (MILK)

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Dairy Supply Co.
Engelmann & Buckham Ltd.
Giusti, T., & Son Ltd.
Hamilton, James, & Sons
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Perkins Boilers Ltd.
Van den Bergh & Partners Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co. Ltd.

### PASTEURISERS (PLATE)

A.P.V. Co. Ltd.
Alfa-Laval Co. Ltd.
Alfred & Co. Ltd.
Cherry-Burrell Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Dairy Supply Co
Engelmann & Buckham Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co. Ltd.

### PASTEURISERS (VAPOUR)

Barry-Wehmiller Ltd.
Engelmann & Buckham Ltd.
Hart, W. J., & Sons (London) Ltd.
Van den Bergh & Partners Ltd.

### PASTEURISING & DE-AERATING PLANT (FRUIT JUICE)

A.P.V. Co. Ltd.
Alfa-Laval Co. Ltd.
Anker Gasquet Ltd.
Ataroth Ltd.
Clayton, George S., Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Meyer Dumore Int. Ltd.
Morton, Robert, D.G. Ltd.
Plenty & Son Ltd.
Telcon-Process
Van den Bergh & Partners Ltd.
Vickers-Dawson
Willis Europlant Ltd.
Wright Hargreaves Eng. Co.

### PASTILLATORS

Pastillators Ltd.

### PASTRY CUTTERS (ROTARY)

*See Cutters (Pastry) (Rotary)*

### PASTRY MOULDING, FILLING, & LIDDING MACHINES

ABR Food Machinery Co. Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Burgess Eng. Ltd.
Camwheat Pie Machine Co. Ltd.
Crypto-Peerless Ltd.
Custance, J. C., & Co. Ltd.
Hunt, John, (Bolton) Ltd.
Jackson, John P., & Co. Ltd.
Johnson, Fred, (Machinery) Ltd.
Mason, W. F., Ltd.
Payne, F. C., & Co.
RHM Ingredient Supplies Ltd.

### PATTY FORMING MACHINES
*See Meat Ball & Patty Forming Machines*

### PEA & BEAN WASHING MACHINES
*See Washing Machines (Pea & Bean)*

### PEA CLEANING & GRADING MACHINES
Acme Conveyors & Construction Ltd.
Bog Jorgensen Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Erben, H., Ltd.
FMC Corporation (U.K.) Ltd.
Food Process Installations
Gunson's Sortex Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Pennwalt Ltd.
Robinson, Thomas, & Son Ltd.
Van den Bergh & Partners Ltd.

### PEA PACKING MACHINES
*See Packaging Machines (Pea)*

### PEA PODDERS
Bog Jorgensen Ltd.
Erben, H., Ltd.
FMC Corporation (U.K.) Ltd.
Guylew Manufacturing Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Van den Bergh & Partners Ltd.
Varley-FMC Ltd.

### PEA SPLITTING PLANT
Baldock & Pearce Ltd.
Urschel International Ltd.
Van den Bergh & Partners Ltd.

### PEEL CUTTERS
*See Cutters (Peel)*

### PEEL SYRUPING PLANT
Brierley, Collier & Hartley Equipment Ltd.
Hart, W. J., & Sons (London) Ltd.

### PEELERS (CARBORUNDUM)
**heat**
FMC Corporation (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Kellie, Robert, & Son Ltd.
Mather & Platt Ltd.
Van den Bergh & Partners Ltd.

### PEELERS (POTATO)
Bog Jorgensen Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Crypto-Peerless Ltd.
FMC Corporation (U.K.) Ltd.
Fairfax Engineering Ltd.
Foodtech Ltd.
Hart, W. J. & Sons (London) Ltd.
Hobart Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
Hunt, John, (Bolton) Ltd.
Mather & Platt Ltd.
Medcalfe & Co. (1950) Ltd.
Metcalfe, C. B., Food Machinery Ltd.
Novotechnics Ltd.
Skerman Group
Tweedey of Burnley Ltd.
Van den Bergh & Partners Ltd.
Watten Emulsifying Machines Ltd.
Wright Machinery Co. Ltd.

### PEELERS & CORERS (APPLE)
Berendsen, S., Ltd.
Brierley, Collier & Hartley Equipment Ltd.
FMC Corporation (U.K.) Ltd.
Fairfax Engineering Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter (Food Machinery)
Van den Bergh & Partners Ltd.

### PEELING MACHINES (FRUIT & VEGETABLE)
Berendsen, S., Ltd.
Bog Jorgensen Ltd.

Brierley, Collier & Hartley Equipment Ltd.
Crypto-Peerless Ltd.
Erben, H., Ltd.
FMC Corporation (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Hobart Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
Mason & Morton Ltd.
Mather & Platt Ltd.
Novotechnics Ltd.
Van den Bergh & Partners Ltd.
Watten Emulsifying Machines Ltd.

## PICKLE PLANT

A.P.V. Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Giusti, T., & Sons Ltd.
Hart, W. J., & Sons (London) Ltd.
ITC Systems
Selo-Bollans Ltd.
Skerman Group
Urschel International Ltd.
Van den Bergh & Partners Ltd.
Welch, J. A., (Plant & Vessel)

## PIE-MAKING MACHINES

ABR Food Machinery Co. Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Burgess Eng. Ltd.
Camwheat Pie Machine Co. Ltd.
Coolmota Ltd.
Crollie, J., & Son Ltd.
Custance, J. C., & Co. Ltd.
Guylew Manufacturing Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Hunt, John, (Bolton) Ltd.
Invicta Sheet Metal Co. Ltd.
Jackson, John P., & Co. Ltd.
Johnson, Fred (Machinery) Ltd.
Mason, W. F., Ltd.
Morton Machine Co. Ltd.
Payne, F. C., & Co.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
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Ultra Rapid Machines (Scotland) Ltd.
Urschel International Ltd.
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*See Drying Machines* (*Potato*)

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*See Presses (Pulp)*

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*See Washing Machines (Pulp)*

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Neumo Ltd.
Plenty & Son
Ryaland Pumps Ltd.
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Fluid Transfer Ltd.
Girdlestone Pumps Ltd.
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Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
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ITT Fluid Handling Ltd.
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Mono Pumps Ltd.
Morton, Robert, DG Ltd.
Neumo Ltd.
Plenty & Son
Ryaland Pumps Ltd.
Saunders Valve Co.
Stainless Steel Pumps Ltd.
Stanhope Engineers (Bradford)
Steetley Co. Ltd.
Watson-Marlow Ltd.
Williamson Manfg. Co.
Willis Europlant Ltd.
Worthington-Simpson Ltd.
Wright Hargreaves Eng. Co.

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ITT Fluid Handling Ltd.
Mather & Platt Ltd.
Megator Pumps & Compressors
Mono Pumps Ltd.
Neumo Ltd.
New Haden Pumps Ltd.
Plenty & Son
Ryaland Pumps Ltd.
Stainless Steel Pumps Ltd.
Steetley Co. Ltd.
Walter Denis Contacts Co. Ltd.
Watson-Marlow Ltd.
Williamson Manfg. Co.

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Ryaland Pumps Ltd.
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Engelmann & Buckham Ltd.
Fluid Transfer Ltd.
Gilbert, G. & R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Howard Pneumatic Engineering
ITT Fluid Handling Ltd.
Mather & Platt Ltd.
Megator Pumps & Compressors
Mono Pumps Ltd.
Neumo Ltd.
Plenty & Son
Robinson, W. S., & Co.
Stainless Steel Pumps Ltd.
Steetley Co. Ltd.

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Howard Pneumatic Engineering
Iwel Engineering Ltd.
Megator Pumps & Compressors
Plenty & Son
Selo-Bollans Ltd.
Stainless Steel Pumps Ltd.
Stanhope Engineers (Bradford) Ltd.
Steetley Co. Ltd.

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Jobling, James A., & Co. Ltd.
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Neumo Ltd.
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Ryaland Pumps Ltd.
Sala Neldco Ltd.
Stainless Steel Pumps Ltd.
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Hart, W. J., & Sons (London) Ltd
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Mono Pumps Ltd.
New Haden Pumps Ltd.
Stainless Steel Pumps Ltd.

### PUMPS (POWDER)

Leader, Denis, Ltd.
Mono Pumps Ltd.
New Haden Pumps Ltd.

### PUMPS (PROPORTIOMETER)

Bran & Luebbe (Great Britain)
Fluid Transfer Ltd.
Howard Pneumatic Engineering
Metering Pumps Ltd.
Neumo Ltd.
Portacel Ltd.
Ryaland Pumps Ltd.
Watson-Marlow Ltd.

### PUMPS (RECIPROCATING)

Airpel Ltd.
Bran & Luebbe (Great Britain) Ltd.
Cherry-Burrell Ltd.
Dawson, McDonald & Dawson
Filling Machines Ltd.
Fluid Transfer Ltd.
Holden & Brooke Ltd.
Howard Pneumatic Eng. Co. Ltd.
Johnson, A., & Co. (London) Ltd.
Manor Engineering Co. Ltd.
Metering Pumps Ltd.
Neumo Ltd.
Steetley Co. Ltd.
Wallace & Tiernan Ltd.
Worthington-Simpson Ltd.

### PUMPS (ROLLER VANE)

Autometric Pumps Ltd.

### PUMPS (ROTARY)

Autometric Pumps Ltd.
Baker Perkins Ltd.
Banister Street Works Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
Cherry-Burrell Ltd.
Dairy Supply Co.
Douglas-Rownson Ltd.
Engelmann & Buckham Ltd.
Girdlestone Pumps Ltd.
Hiron & Rempler Ltd.
Howard Pneumatic Engineering
ITT Fluid Handling Ltd.

Liquid Systems Ltd.
Mather & Platt Ltd.
Megator Pumps & Compressors
Mono Pumps Ltd.
Morton, Robert, DG Ltd.
New Haden Pumps Ltd.
Northey Rotary Compressors Ltd.
No-Val Engineering Co. Ltd.
Plenty & Son
Purdy Machinery Co. Ltd.
Ryaland Pumps Ltd.
Silent Machine & Engineering
Simon-Hartley Ltd.
Stainless Steel Pumps Ltd.
Stanhope Engineers (Bradford)
Wootton, O. J., Ltd.

## PUMPS (SOUP)

A.P.V. Co. Ltd.
C.P. Equipment Ltd.
Fluid Transfer Ltd.
Hart, W. J., & Sons (London) Ltd.
Howard Pneumatic Engineering
ITT Fluid Handling Ltd.
Mather & Platt Ltd.
Megator Pumps & Compressors
Mono Pumps Ltd.
Neumo Ltd.
Plenty & Son
Ryaland Pumps Ltd.
Saunders Valve Co. Ltd.
Stainless Steel Pumps Ltd.
Stanhope Engineers (Bradford)
Steetley Co. Ltd.
Watson-Marlow Ltd.
Williamson Manfg. Co.

## PUMPS (STAINLESS STEEL)

A.P.V. Co. Ltd.
A.P.V.-Osborne Craig Ltd.
Alfa-Laval Co. Ltd.
Alfred & Co. Ltd.
Autometric Pumps Ltd.
Banister Street Works Ltd.
Bramigk & Co. Ltd.
Bran & Luebbe (Great Britain) Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
C. P. Equipment Ltd.
Cherry-Burrell Ltd.
Cornwell Products Ltd.
Dairy Supply Co.
Engelmann & Buckham Ltd.
Fluid Transfer Ltd.
Girdlestone Pumps Ltd.
Giusti, T., & Son Ltd.
Guylew Manufacturing Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Holden & Brooke Ltd.
Howard Pneumatic Engineering
ITT Fluid Handling Ltd.
Mather & Platt Ltd.
Megator Pumps & Compressors
Metering Pumps Ltd.
Mono Pumps Ltd.
Morton, Robert, & Co. Ltd.
Neumo Ltd.
New Haden Pumps Ltd.
Platt International Ltd.
Plenty & Son
Ryaland Pumps Ltd.
Selo-Bollans Ltd.
Stainless Steel Pumps Ltd.
Steetley Co. Ltd.
T. I. Chesterfield Ltd.
Wallace & Tiernan Ltd.
Watson-Marlow Air Pump Co.
Willis Europlant Ltd.
Worthington-Simpson Ltd.
Wright Hargreaves Eng. Co.

## PUMPS (STEAM OPERATED)

Holden & Brooke Ltd.
Neumo Ltd.
New Haden Pumps Ltd.
Ryaland Pumps Ld.
Spirax-Sarco Ltd.
T. I. Chesterfield Ltd.
Worthington-Simpson Ltd.

## PUMPS (SYRUP)

A.P.V. Co. Ltd.
Banister Street Works Ltd.
Blairs Ltd.
Bran & Luebbe (Great Britain) Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
C.P. Equipment Ltd.

FMC Corporation (U.K.) Ltd.
Fluid Transfer Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Holden & Brooke Ltd.
Howard Pneumatic Engineering
ITT Fluid Handling Ltd.
Johnson, S. H., & Co. Ltd.
Mather & Platt Ltd.
Megator Pumps & Compressors
Mono Pumps Ltd.
Morton, Robert, DG Ltd.
Neumo Ltd.
Plenty & Son
Ryaland Pumps Ltd.
Stainless Steel Pumps Ltd.
Stanhope Engineers (Bradford)
Steetley Co. Ltd.
Watson-Marlow Ltd.
Williamson Manfg. Co.
Worthington-Simpson Ltd

### PUMPS (VACUUM) dry

Alfa-Laval Co. Ltd.
Associated Electrical Industries
Autometric Pumps Ltd.
Blairs Ltd.
Compair Industrial Ltd.
Dawson, McDonald & Dawson
Edwards High Vacuum
G.E.C.-Elliott Mechanical Handling Ltd.
General Engineering Co.
Holden & Brooke Ltd.
Holmes, W. C., & Co. Ltd.
Lacy-Hulbert & Co. Ltd.
Leader, Denis, Ltd.
Leybold-Heraeus Ltd.
Multivac Packaging Systems Ltd.
Northey Rotary Compressors Ltd.
Pennwalt Ltd.
Ryaland Pumps Ltd.
Smith & Nephew Plastics Ltd.
Union Food Machinery & Equipment Ltd.
Wade Engineering Ltd.
Watson-Marlow Air Pump Co.
Worthington-Simpson Ltd.

### PUMPS (VACUUM) wet

Bancroft Fillers & Appliances Ltd.
Blairs Ltd.
Calmic Engineering Div.
Compair Industrial Ltd.
Engelmann & Buckham Ltd.
General Engineering Co.
Holden & Brooke Ltd.
Jahn, F. & Co.
Lacy-Hulbert & Co. Ltd.
Leybold-Heraeus Ltd.
Morton, Robert, DG Ltd.
Ryaland Pumps Ltd.
Smith & Nephew Plastics Ltd.
Union Food Machinery & Equipment Ltd.
Worthington-Simpson Ltd.

### PUMPS (WATER)

A.P.V. Co. Ltd.
Airpel Ltd.
Autometric Pumps Ltd.
Bailey, Sir W. H., & Co. Ltd.
Banister Street Works Ltd.
Blairs Ltd.
Braby Group Ltd. (Bristol)
British Steam Specialities Ltd.
C.P. Equipment Ltd.
Dairy Supply Co.
FMC Corporation (U.K.) Ltd.
Girdlestone Pumps Ltd.
Gough & Co. (Hanley) Ltd.
Hiron & Rempler Ltd.
Holden & Brooke Ltd.
Howard Pneumatic Engineering Co.
ITT Fluid Handling Ltd.
ITT Flygt Pumps Ltd.
Johnson, S. H., & Co. Ltd.
Mather & Platt Ltd.
Megator Pumps & Compressors
Mono Pumps Ltd.
Morton, Robert, DG Ltd.
Neumo Ltd.
New Haden Pumps Ltd
Pegson Ltd.
Ryaland Pumps Ltd.
Saunders Valve Co. Ltd.
Serck Water Processing
Spirax-Sarco Ltd.

Stanhope Engineers (Bradford) Ltd.
Vickers-Dawson
Wade Engineering Ltd.
Walter Denis Contacts Co. Ltd.
Watson-Marlow Ltd.
Worthington-Simpson Ltd.
York Division of Borg-Warner

### PUMPS & JACKS (HYDRAULIC)

Brimpex Eccles Co. Ltd.
Power Lifts Ltd.
Vickers Ltd. Engineering Group

### QUICK-FREEZING PLANT

A.P.V.-Parafreeze Ltd.
Alfred & Co. Ltd.
Baker Perkins Ltd.
British Oxygen Co. Ltd.
Carter Thermal Industries
Clarke-Built (Williams) Ltd.
Dalglish, John, & Sons Ltd.
Douglas-Rownson Ltd.
Frigoscandia Ltd.
Greer, J. W., Co. Ltd.
Grenco Eng. & Contracting Ltd.
Guylew Manufacturing Co. Ltd.
HTI Engineering
Jackstone Froster Ltd.
Lightfoot Refrigeration Co. Ltd.
Mather & Platt Ltd.
Minikay Ltd.
New Haden Pumps Ltd.
Normanton Engineers Ltd.
Orthos (Engineering) Ltd.
Payne, F. C., & Co.
Prestcold Ltd.
Smith & Partners Ltd.
York Division of Borg-Warner

### QUICK-FREEZING PLANT (CONTINUOUS)

A.P.V.-Parafreeze Ltd.
Baker Perkins Ltd.
British Oxygen Co. Ltd.
Frigoscandia Ltd.
Greer, J. W., Co. Ltd.
Grenco Eng. & Contracting Ltd.
HTI Engineering
Jackstone Froster Ltd.
Lightfoot Refrigeration Co. Ltd.
Normanton Engineers Ltd.
Sandvik Conveyors Ltd.
Van den Bergh Walkinshaw

### QUICK-FREEZING PLANT (FLUIDISED BED)

Frigoscandia Ltd.
Grenco Eng. & Contracting Ltd.
HTI Engineering
Lightfoot Refrigeration Co. Ltd.

### RACKING BACKS (STAINLESS STEEL)

A.P.V. Co. Ltd.
Metal Units
Morton, Robert, DG Ltd.
SSV Ltd.
Vickers Ltd., Engineering Group
Welch, J. A., (Plant & Vessel) Ltd.

### RACKS (BAKEHOUSE)

ABR Food Machinery Ltd.
Angel Truck Co. Ltd.
Associated Crates Ltd.
Becketts Bakery Engineers Ltd.
Collins, Thomas, & Co. Ltd.
Coolmota Ltd.
Cox Ovenbuilders Ltd.
Crollie, J. & Sons Ltd.
Custance, J. C., & Co. Ltd.
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Gilbert, G. & R., Ltd.
Guylew Manufacturing Co. Ltd.
Handy Angle Ltd.
Invicta Sheet Metal Co. Ltd.
Loughborough Ovens Ltd.
Manufacturers Equipment Co. Ltd.
Power Lifts Ltd.
Reads & Barrons
Towers (Sunderland) Ltd.

### RACKS (CHEESE)

Lerner Machine Co. Ltd.
Wright Hargreaves Eng. Co.

### RACKS (CHEESE TURNING)

Dairy Supply Co.
Wright Hargreaves Eng. Co.

## RACKS (STAINLESS STEEL)
Associated Crates Ltd.
Associated Metal Works (Glasgow)
Barwin Engineering Co. Ltd.
Bishop, Thomas, Ltd.
Eureka Eng. Co. Ltd.
Loughborough Ovens Ltd.
Maitlands (Metal Works) Ltd.
Rapmac Ltd.
Vanmar Products Ltd.

## RACKS (STORAGE)
Access Equipment Ltd.
Angel Truck Co. Ltd.
Bawn, W. B., & Co. Ltd.
Collins, Thomas, & Co. Ltd.
Collis Mechanical Handling Ltd.
Coolmota Ltd.
Crollie, J., & Son Ltd.
Dexion Group of Companies
Eccles Engineering Ltd.
Fisher & Ludlow Ltd.
Gascoigne, Gush & Dent
Gerrard Industries Ltd.
Handy Angle
Hiron & Rempler Ltd.
Hunter, G. (London) Ltd.
Invicta Sheet Metal Co. Ltd.
Loughborough Ovens Ltd.
M.G.K. Engineering Co. Ltd.
Manufacturers Equipment Co. Ltd.
Mason, W. F., Ltd.
Randall, James H., & Son Ltd.
Reads & Barrons
Robinson, W. S., & Co.
Towers (Sunderland) Ltd.
Tyne Truck & Trolley Co. Ltd.
WCB Containers Ltd.
Wilmat Handling Co. Ltd.
Youngman, W. C., Ltd.

## RAISIN SEEDERS
Manex & Co.

## RE-CRATING MACHINES (BOTTLE)
*See Bottle Re-crating Machines*

## REFRIGERATION PLANT
Alfred & Co. Ltd.
Baker Perkins Ltd.
Biddle, F. H., Ltd.
Boc-Linde Refrigeration Ltd.
Carrier Engineering Co. Ltd.
Coolmota Ltd.
Dairy Supply Co.
Douglas-Rownson Ltd.
Escher-Wyss (U.K.) Ltd.
Frigoscandia Ltd.
Grenco Eng. & Contracting Ltd.
HTI Engineering
I.C.I. Agricultural Division
Improvair Ltd.
Jackstone Froster Ltd.
Kelvinator Ltd.
Lightfoot Refrigeration Co. Ltd.
Minikay Ltd.
Payne, F. C., & Co.
Prestcold Ltd.
Purlac Equipment Ltd.
Smith & Partners Ltd.
Udec Refrigeration Ltd.
Vanmar Products Ltd.
Walter Denis Contacts Co. Ltd.
Willis Europlant Ltd.
York Division of Borg-Warner Ltd.

## RETORT CRATE LOADERS & UNLOADERS
*See Crate Loaders & Unloaders (Retort)*

## RETORTS
Clarke Chapman Ltd.
Engelmann & Buckham Ltd.
FMC Corporation (U.K.) Ltd.
Foodtech Ltd.
Fraser, John, & Son Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Mather & Platt Ltd.
Selo-Bollans Ltd.
Skerman Group

## REVERSE OSMOSIS PLANT
Cornwell Products Ltd.
Elga Products Ltd.
M. & M. Process Equipment Ltd.
Permutit-Boby Ltd.
Plenty & Son Ltd.
Serck Water Processing

### RICE MILLING MACHINES

*See Milling Machines (Rice)*

### ROASTERS (BATCH)

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Jahn, F., & Co.
Kneeda Mfg. Co. Ltd.
Newell Dunford Engineering Ltd.
Robinson, W. S., & Co.

### ROASTERS (CHICORY)

Bramigk & Co. Ltd.

### ROASTERS (COCOA BEAN)

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Jahn, F., & Co.
Manor Engineering Co. Ltd.
Newell Dunford Engineering Ltd.
Robinson, W. S., & Co.

### ROASTERS (COCOA NIB)

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Manor Engineering Co. Ltd.
Newell Dunford Engineering Ltd.
Robinson, W. S., & Co.

### ROASTERS (COFFEE)

Bramigk & Co. Ltd.
Jahn, F., & Co.
Van den Bergh Walkinshaw

### ROASTERS (CONTINUOUS)

Bartleet, Norman, Ltd.
Buhler-Miag (England) Ltd.
Maitlands (Metal Works) Ltd.
Manor Engineering Co. Ltd.
Newell Dunford Engineering Ltd.
Vincent Processes Ltd.

### ROASTERS (MALT)

Bramigk & Co. Ltd.
Jahn, F., & Co.

### ROASTERS (NUT)

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn, F., & Co.
Newell Dunford Engineering Ltd.
Proctor Dalglish
Robinson, W. S., & Co.

### ROLLERS (BATCH)

Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burgess, Thomas, & Son (Worksop) Ltd.
Cornwell Products Ltd.
Hansel, Otto, Machinery Ltd.
Robinson, W. S., & Co.
Rose Forgrove Ltd.
Skerman Group
Welch, J. A., (Plant & Vessel) Ltd.

### ROLLERS FOR DROP MACHINES

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Robinson, W. S., & Co.

### ROLLERS (TEA)

Davidson & Co. Ltd.
Marshall's Tea Machinery Co. Ltd

### ROUSERS

A.P.V. Co. Ltd.
A.P.V.-Osborne Craig Ltd.
I. & P. Chemical Engineers Ltd.
Plenty & Son Ltd.
Vickers Ltd. Engineering Group

### ROUT PRESS MACHINES

Baker Perkins Ltd.
Hardaker, John T., (Food Machinery) Ltd.
Robinson, W. S., & Co.
Simon-Vicars Ltd.

### SACHET MAKING, FILLING & SEALING MACHINES

Alfred & Co. Ltd.
Anglo Continental Machines Ltd.
Autopack Ltd.
Baker Perkins Ltd.
Bennett Swiftline Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Convertex Machinery Ltd.
Cornwell Products Ltd.
Emhart (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Intertherm Ltd.
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Pacunion Ltd.
Payne, F. C., & Co.
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Van den Bergh Walkinshaw
Weston-White Packaging Co.
Wright Machinery Co. Ltd.

### SACK CLEANERS

BVC Ltd.
Baker Perkins Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.

### SACK CLOSING MACHINES

ABR Food Machinery Co. Ltd.
Automated Packaging Systems
Bostitch
Buhler-Miag (England) Ltd.
Doboy Ltd.
Petzold, Henry, & Co.
Pneutronic Machine Co. Ltd.
Reed Darnley Taylor Ltd.

### SACK TYING TOOLS

Gerrard Industries Ltd.
Gordian Strapping Ltd.

### SACK WEIGHING & FILLING MACHINES

*See Weighing & Filling Machines (Sack)*

### SACK WEIGHING & SEALING MACHINES

*See Weighing & Sealing Machines (Sack)*

### SALT EVAPORATORS

*See Evaporators (Salt)*

### SATINETTE PLANT

Bartleet, Norman, Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Hart, W. J., & Sons (London) Ltd.
Robinson, W. S., & Co.

### SAUCE PLANT

A.P.V. Co. Ltd.
Ataroth Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Giusti, T., & Sons Ltd.
Hart, W. J., & Sons (London) Ltd.
ITC Systems
Johnson, A., & Co. (London) Ltd.
Lang-London-Ltd.
Maitlands (Metal Works) Ltd.
Moritz Chemical Engineering Co.
Plenty & Son Ltd.
Skerman Group
Telcon-Process
Urschel International Ltd.
Willis Europlant Ltd.

### SAUSAGE CASING GRADING MACHINES

Selo-Bollans Ltd.

## SAUSAGE COOLERS

*See Coolers (Sausage)*

## SAUSAGE FILLING MACHINES

*See Filling Machines (Sausage)*

## SAUSAGE LINKING MACHINES

ABR Food Machinery Co. Ltd.
Albrin Products Ltd.
Foodtech Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Holroyd Food Machinery Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Union Food Machinery & Equipment Ltd.
Wetter, J. C., & Co.

## SAUSAGE MEAT CHOPPERS

*See Bowl Choppers*

## SAUSAGE ROLL CASING MACHINES

ABR Food Machinery Co. Ltd.
Burgess Eng. Ltd.

## SAUSAGE RUSK PLANT

Baker Perkins Ltd.
Simon-Vicars Ltd.

## SAUSAGE SKIN SPOOLING MACHINES

ABR Food Machinery Co. Ltd.
Albrin Products Ltd.
Barwin Engineering Co. Ltd.
Foodtech Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Union Food Machinery & Equipment Ltd.
Wetter, J. C., & Co.

## SCALES

*See Weighing Machines (Scales)*

## SCREENING PLANT

Acme Conveyors & Construction
Alpine (Machinery) Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Buhler-Miag (England) Ltd.
Clarke Chapman Ltd., Int. Combustion Div.
Gardners of Gloucester
Grantham Electrical Eng. Co. Ltd.
Holland, Peter, (Food Machinery)
Jenkins of Retford Ltd.
Kek Ltd.
Locker Industries Ltd.
M. & M. Process Equipment Ltd.
Pegson Ltd.
Pennwalt Ltd.
Plenty & Son Ltd.
Podmores (Engineers) Ltd.
Robinson, Thomas, & Son Ltd.
Robson, George, & Co. (Conveyors) Ltd.
Russell Finex Ltd.
Serck Water Processing
Simon-Barron Ltd.
Simon, Henry, Ltd.
Triton Engineering Co. (Sales) Ltd.
Uesco Ltd.
Wedge Wire Screens Ltd.

## SCREENS

Acme Conveyors & Construction
Braby Group Ltd. (Bristol)
Clarke Chapman Ltd., Int. Combustion Div.
Driver Southall Ltd.
Electromagnets Ltd.
FMC Corporation (U.K.) Ltd.
Gardners of Gloucester
Gough & Co. (Hanley) Ltd.
Grantham Electrical Eng. Co. Ltd.
Greening, N., (Warrington) Ltd.
Jenkins of Retford Ltd.
Kek Ltd.
Locker Industries Ltd.
M. & M. Process Equipment Ltd.
Mogensen Sizers Ltd.
Pegson Ltd.
Potter & Soar, F. W. Ltd.

Robinson, Thomas, & Son Ltd.
Robson, George, & Co. (Conveyors) Ltd.
Russell Finex Ltd.
Simon-Barron Ltd.
Triton Engineering Co. (Sales) Ltd.
Uesco Ltd.
Wedge Wire Screens Ltd.

## SCREENS (ROTARY ADJUSTABLE)

Acme Conveyors & Construction
Electromagnets Ltd.
FMC Corporation (U.K.) Ltd.
Food Process Installations
Gough & Co. (Hanley) Ltd.
Greening, N., (Warrington) Ltd.
Kek Ltd.
Orthos (Engineering) Ltd.
Pennwalt Ltd.
Robinson, Thomas, & Son Ltd.
Robson, George, & Co. (Conveyors) Ltd.
Simon-Barron Ltd.
Wedge Wire Screens Ltd.

## SCREENS (WIRE MESH)

Acme Conveyors & Construction
Electromagnets Ltd.
Food Process Installations
Gough & Co. (Hanley) Ltd.
Greening, N., (Warrington) Ltd.
Holland, Peter, (Food Machinery)
Locker Industries Ltd.
M. & M. Process Equipment Ltd.
Manex & Co.
Mogensen Sizers Ltd.
Pennwalt Ltd.
Potter, F. W., & Soar Ltd.
Russell Finex Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Uesco Ltd.
Wedge Wire Screens Ltd.

## SCREW CAP TIGHTENING MACHINES

Albro Fillers & Engineering
Anglo Continental Machines Ltd.
Autopack Ltd.
Bancroft Fillers & Appliances Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Dico Packaging Engineers Ltd.
Gravfil Machines Ltd.
Newman Labelling Machines Ltd.
Peters Packaging Ltd.
Purdy Machinery Co. Ltd.
Roberts Filling Machines
Rockwell Pneumatic Scale Ltd.
Skerman Group
Vickers-Dawson
Wicanders (Gt. Britain) Ltd.
Willis Europlant Ltd.

## SEALING MACHINES (PLASTIC BAGS)

Europack Eng. Co. Ltd.
Metromethods Ltd.
Norris, D. C., & Co. Ltd.
Weston-White Packaging Co.

## SEALING MACHINES (VACUUM)

ABR Food Machinery Co. Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Dico Packaging Engineers Ltd.
Emhart (U.K.) Ltd.
Foodtech Ltd.
Fraser, John, & Son Ltd.
Grace, W. R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Lerner Machine Co. Ltd.
Leybold-Heraeus Ltd.
Machinery Continental Packaging Ltd.
Mark Anthony Engineering Ltd.
Metal Closures Ltd.
Premier Filterpress Co. Ltd.
Rapmac Ltd.
SIG Swiss Industrial Co.
Taylowe Ltd.
Union Food Machinery & Equipment Ltd.

## SEAMING MACHINES

Bliss, E. W., (England) Ltd.
Edlon Machinery Co. Ltd.
FMC Corporation (U.K.) Ltd.
Foodtech Ltd.
Hart, W. J., & Sons (London) Ltd.
Lotz Abbott & Co. Ltd.
Metal Box Co. Ltd.
Rockwell Packaging Machines Ltd.
Van den Bergh Walkinshaw

## SEAMING & CLOSING MACHINES (CAN)

Bliss, E. W., (England) Ltd
Edwards, F. J., Ltd.
Foodtech Ltd.
Hart, W. J., & Sons (London) Ltd
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Lotz Abbott & Co. Ltd.
Metal Box Co. Ltd.
Pearson Panke Ltd.
Premier Filterpress Co. Ltd
Rockwell Packaging Machines Ltd
Van den Bergh Walkinshaw

## SEAMLESS TABLET PLANT

Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Robinson, W. S., & Co.

## SEMOLINA PLANT

Buhler-Miag (England) Ltd.
Convertex Machinery Ltd.
Robinson, Thomas, & Son Ltd
Simon, Henry, Ltd.

## SEPARATORS (AIR)

Acme Conveyors & Construction
Alpine (Machinery) Ltd
Atlas Equipment (London) Ltd.
BSS
British Rema Mfg. Co. Ltd
Buhler-Miag (England) Ltd.
Food Process Installations
Gunson's Sortex Ltd.
Plenty & Son Ltd.
Royles Ltd.
Spirax-Sarco Ltd.

## SEPARATORS (CREAM)

Alfa-Laval Co. Ltd.
Alfred & Co. Ltd.
Boulton, William, Ltd.
Broadbent, Thomas, & Sons Ltd.
Dairy Supply Co.
Van den Bergh & Partners Ltd.
Westfalia Separator Ltd.
Wright Hargreaves Eng. Co. Ltd.

## SEPARATORS (FRUIT)

Boulton, William, Ltd.
Bramigk & Co. Ltd.
Johnson, Fred, (Machinery) Ltd.
Pennwalt Ltd.

## SEPARATORS (GERM)

Bartleet, Norman, Ltd.
Boulton, William, Ltd.
Bramigk & Co. Ltd.
Pennwalt Ltd.
Simon, Henry, Ltd.

## SEPARATORS (MAGNETIC)

Acme Conveyors & Construction
Boulton, William, Ltd.
Electromagnets Ltd.
Industrial Magnets Ltd.
Kek Ltd.
Rapid Magnetic Ltd.
Realm Engineering Works
Robinson, Thomas, & Son Ltd.
Sala Neldco Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.

## SEPARATORS (TEA) ELECTROSTATIC

Rapid Magnetic Ltd.
Van den Bergh Walkinshaw

## SEPARATORS (WHEY)

Alfa-Laval Co. Ltd.
Berendsen, S., Ltd.
Boulton, William, Ltd.
Dairy Supply Co.
Gough & Co. (Hanley) Ltd.
Lister, R. A., & Co. Ltd.
Pennwalt Ltd.
Russell Finex Ltd.

Sharples Co.
Van den Bergh & Partners Ltd.
Westfalia Separator Ltd.
Wright Hargreaves Eng. Co. Ltd.

## SHREDDERS & SLICERS (CITRUS FRUIT)

*See Citrus Fruit Shredders and Slicers*

## SHRINK WRAPPING PLANT (COLLATING AND TRAY LOADING)

Adams Powel Packaging Machinery Ltd.
Arcall Ltd.
Austin Packaging Group Ltd.
Baker Perkins Ltd.
Blands International Packaging
Bosch, Robert, Packaging Machinery
Doboy Ltd.
Engelmann & Buckham Ltd.
Erben, H., Ltd.
Europack Eng. Co. Ltd.
Gilwrap Ltd.
Hansel, Otto, Machinery Ltd.
I.D. Packaging Ltd.
Inpac Automation Ltd.
Jahn (Maskiner) Ltd.
Kane, Frederick C., Ltd.
Kempner, S., Ltd.
Lerner Machine Co. Ltd.
Machinery Continental Packaging
Mather & Platt Ltd.
Petzold, Henry, & Co.
Rapmac Ltd.
Rockwell Packaging Machines Ltd.
Rose Forgrove Ltd.
Selo-Bollans Ltd.
Taylor, C. F., (Unity Designs) Ltd.
Tillotsons (Liverpool) Ltd.
Van den Bergh Walkinshaw
Vickers Ltd. Engineering Group
Wix of London Ltd.

## SHRINK WRAPPING PLANT (GUNS)

Bambergers Materials Handling

## SHRINK WRAPPING PLANT (TRAY ERECTING)

Adams Powel Packaging Machinery Ltd.
Austin Packaging Group Ltd.
Baker Perkins Ltd.
Blands International Packaging
Bosch, Robert, Packaging Machinery
Engelmann & Buckham Ltd.
Erben, H., Ltd.
Europack Eng. Co. Ltd.
I.D. Packaging Ltd.
Inpac Automation Ltd.
Jahn (Maskiner) Ltd.
Kempner, S., Ltd.
Lerner Machine Co. Ltd.
Machinery Continental Packaging
Metal Box Co. Ltd.
Petzold, Henry, & Co.
Rockwell Packaging Machines Ltd.
Rose Forgrove Ltd.
Tillotsons (Liverpool) Ltd.

## SHRINK WRAPPING PLANT (TUNNELS)

Adams Powel Packaging Machinery Ltd.
Automated Packaging Systems
Blands International Packaging
Bosch, Robert, Packaging Machinery
Doboy Ltd.
Engineering Developments (Farnborough) Ltd.
Erben, H., Ltd.
Europack Eng. Co. Ltd.
Gilwrap Ltd.
Hart, W. J., & Sons (London) Ltd.
I.D. Packaging Ltd.
Inpac Automation Ltd.
Jonge Poerink (UK) Ltd.
Kempner,, S., Ltd.
Lerner Machine Co. Ltd.
MIA (Sheffield) Ltd.
Machinery Continental Packaging
Mather & Platt Ltd.
Petzold, Henry, & Co.
Rapfast Ltd.
Rapmac Ltd.

Rockwell Packaging Machines Ltd.
Rose Forgrove Ltd.
Selo-Bollans Ltd.
Taylor, C.F., (Unity Designs) Ltd.
Vickers Ltd. Engineering Group

## SIEVES

Baldock & Pearce Ltd.
Boulton, William, Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
Buhler-Miag (England) Ltd.
Clarke Chapman Ltd.,
  Int. Combustion Div.
Driver Southall Ltd.
Endecotts Ltd.
Gardners of Gloucester
Greening, N., (Warrington) Ltd.
Jenkins of Retford Ltd.
Kek Ltd.
Locker Industries Ltd.
Mogensen Sizers Ltd.
Pennwalt Ltd.
Potter & Soar, F. W., Ltd.
Ramsden, R., & Son Ltd.
Robinson, Thomas, & Son Ltd.
Russell Finex Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Triton Engineering Co. (Sales) Ltd.

## SIEVING MACHINES (FRUIT & VEGETABLE)

A.P.V. Co. Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
Driver Southall Ltd.
FMC Corporation (U.K.) Ltd.
Gough & Co. (Hanley) Ltd.
Hart, W. J., & Sons (London) Ltd.
Johnson, A., & Co. (London) Ltd.
Kek Ltd.
M. & M. Process Equipment Ltd.
Pennwalt Ltd.
Revel Controls Ltd.
Russell Finex Ltd.
Skerman Group
Triton Engineering Co.
Ultra Rapid Machines
  (Scotland) Ltd.

## SIEVING MACHINES (TOMATO)

A.P.V. Co. Ltd.
Boulton, William, Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
FMC Corporation (U.K.) Ltd.
Gough & Co. (Hanley) Ltd.
Hart, W. J., & Sons (London) Ltd.
Pennwalt Ltd.
Triton Engineering Co. (Sales) Ltd.

## SIFTER MIXERS

*See Mixers (Sifter)*

## SIFTING MACHINES

Artofex Engineering Works Ltd
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Baldock & Pearce Ltd.
Becketts Bakery Engineers Ltd.
Boulton, William, Ltd.
Bramigk & Co. Ltd.
Buhler-Miag (England) Ltd.
Collins, Thomas, & Co. Ltd.
Crollie, J., & Son Ltd.
Custance, J. C., & Co. Ltd.
Electromagnets Ltd.
Gardners of Gloucester
Gilbert, G. & R. Ltd.
Gough & Co. (Hanley) Ltd.
Jenkins of Retford Ltd.
Kek Ltd.
Locker Industries Ltd.
Longwood Engineering Co. Ltd.
Mason, W. F., Ltd.
Mogensen Sizers Ltd.
Mulco Products
Orthos (Engineering) Ltd.
Pascall Engineering Co Ltd.
Pennwalt Ltd.
Podmores (Engineers) Ltd.
Reads & Barrons
Robinson, Thomas, & Son Ltd.
Russell Finex Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Triton Engineering Co. (Sales) Ltd.

## SLICERS (APPLE)

Brierley, Collier & Hartley Equipment Ltd.
FMC Corporation (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd
Hobart Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Urschel International Ltd.
Van den Bergh & Partners Ltd.

## SLICING MACHINES

ABR Food Machinery Co. Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Berendsen, S., Ltd.
Berkel & Parnall Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Crypto-Peerless Ltd.
FMC Corporation (U.K.) Ltd.
Gilbert, G. & R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Hobart Manufacturing Co. Ltd.
M. & M. Process Equipment Ltd.
Manex & Co.
Metcalfe, C. B., Food Machinery
RHM Ingredient Supplies Ltd.
Revel Controls Ltd.
Union Food Machinery & Equipment Ltd.
Urschel International Ltd.
Van den Bergh & Partners Ltd.

## SLICING MACHINES (BACON)

ABR Food Machinery Co. Ltd.
Berkel & Parnall Ltd.
Bizerba Ltd.
Crypto-Peerless Ltd.
Herbert & Sons Ltd.
Hobart Manufacturing Co. Ltd.
Medcalfe & Co. (1950) Ltd.
Metcalfe, C. B., Food Machinery Ltd.
RHM Ingredient Supplies Ltd.
Rose Forgrove Ltd.
Selo-Bollans Ltd.
Smith, O. L., & Co. Ltd.
Union Food Machinery & Equipment Ltd.
Vandome & Hart Ltd.

## SLICING MACHINES (BEAN)

Hart, W. J., & Sons (London) Ltd.
M. & M. Process Equiment Ltd.
Mather & Platt Ltd.
Urschel International Ltd.

## SLICING MACHINES (BREAD)

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Berkel & Parnall Ltd.
Bizerba Ltd.
Crypto-Peerless Ltd.
Custance, J. C., & Co. Ltd.
Europack Eng. Co. Ltd.
Fairfax Engineering Ltd.
Formost Packaging Machines Ltd.
Gilbert, G. & R., Ltd.
Gilwrap Ltd.
Guylew Manufacturing Co. Ltd.
Hobart Manufacturing Co. Ltd.
Medcalfe & Co. (1950) Ltd.
Metcalfe, C. B., Food Machinery Ltd.
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Record Bakery Equipment Co. Ltd.
Rose Forgrove Ltd.

## SLICING MACHINES (BUN & ROLL)

Atlas Equipment (London) Ltd.
Custance, J. C., & Co. Ltd.
Medcalfe & Co. (1950) Ltd.
Mono Universal Bakery Machinery
Mulco Products
Payne, F. C., & Co.

## SLICING MACHINES (CAKE)

Becketts Bakery Engineers Ltd.
Brierley, Collier & Hartley Equipment Ltd.

Crollie, J., & Son Ltd.
Custance, J. C., & Co. Ltd.
Europack Eng. Co. Ltd.
Formost Packaging Machines Ltd.
Gilbert, G. & R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Huntingdon) Ltd.
Manex & Co.
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Robinson, W. S., & Co.

### SLICING MACHINES (FRUIT & VEGETABLE)

Arenco-Alite Ltd.
Berendsen, S., Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Crypto-Peerless Ltd.
FMC Corporation (U.K.) Ltd.
Fairfax Engineering Ltd.
Hart, W. J., & Sons (London) Ltd.
Hobart Manufacturing Co. Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Manex & Co.
Mather & Platt Ltd.
Metcalfe, C. B., Food Machinery Ltd.
Northern Dairy Engineers Ltd.
Revel Controls Ltd.
Ultra Rapid Machines (Scotland) Ltd.
Urschel International Ltd.
Van den Bergh & Partners Ltd.

### SLICING MACHINES (MEAT)

ABR Food Machinery Co. Ltd.
Berkel & Parnall Ltd.
Bizerba Ltd.
Crypto-Peerless Ltd.
FMC Corporation (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Hobart Manufacturing Co. Ltd.
Iwel Engineering Ltd.
Jahn, F., & Co. Ltd.
Medcalfe & Co. (1950) Ltd.
Metcalfe, C. B., Food Machinery
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Smith, O. L., & Co. Ltd.
Union Food Machinery & Equipment Ltd.
Urschel International Ltd.
Wetter, J. C., & Co.

### SLICING & WRAPPING MACHINES (BREAD)

Baker Perkins Ltd.
Becketts Bakery Machines Ltd.
Custance, J. C., & Co. Ltd.
Formost Packaging Machines Ltd.
Gilbert, G. & R., Ltd.
Gilwrap Ltd.
Hart, W. J., & Sons (London) Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.
Record Bakery Equipment Co. Ltd.
Rose Forgrove Ltd.

### SMOKEHOUSE EQUIPMENT

ABR Food Machinery Co. Ltd.
Ascoli Ltd.
Bishop, Thomas, Ltd.
Eureka Eng. Co. Ltd.
Invicta Sheet Metal Co. Ltd.
Iwel Engineering Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Stewart Gill & Co. Ltd.

### SMOKEHOUSE UNITS

ABR Food Machinery Co. Ltd.
Ascoli Ltd.
Bishop, Thomas, Ltd.
Eureka Eng. Co. Ltd.
Foodtech Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Union Food Machinery & Equipment Ltd.

### SORTING MACHINES (BOTTLE)

Barry-Wehmiller Mach. Co. Ltd.
Bramigk & Co. Ltd.
Van den Bergh Walkinshaw

**SORTING MACHINES (ELECTRONIC) COLOUR**
Bosch, Robert, Packaging Machines
Bramigk & Co. Ltd.
Gunson's Sortex Ltd.
Van den Bergh Walkinshaw

**SORTING MACHINES (TEA)**
Baldock & Pearce Ltd.
Boulton, William, Ltd.
Kek Ltd.
Marshall's Tea Machinery

**SOUP PANS**
*See Pans (Soup)*

**SOUP PLANT**
A.P.V. Co. Ltd.
Alcoa Container Systems (G.B.)
Apex Construction Ltd.
Ataroth Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Giusti, T., & Sons Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter (Food Machinery)
Johnson, A., & Co. (London) Ltd.
Lang-London Ltd.
Mather & Platt Ltd.
Pennwalt Ltd.
Plenty & Son Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Urschel International Ltd.
Van den Bergh Walkinshaw

**SOUP PUMPS**
*See Pumps (Soup)*

**SPECIFIC GRAVITY INDICATORS**
Fischer & Porter Ltd.
Orthos (Engineering) Ltd.

**SPONGE CAKE PLANT (AUTOMATIC)**
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Burgess Eng. Ltd.
Collins, Thomas, & Co. Ltd.
Gardners of Gloucester
Payne, F. C., & Co.
Plenty & Son Ltd.
Simon-Vicars Ltd.
Van den Bergh Walkinshaw

**SPONGE DEPOSITORS**
*See Depositors (Sponge)*

**SPONGE & SLAB CAKE SPLITTERS**
Baker Perkins Ltd.
Crollie, J., & Sons Ltd.
Custance, J. C., & Co. Ltd.
Gilbert, G. & R., Ltd.
Jahn (Huntingdon) Ltd.
Mulco Products
Payne, F. C., & Co.
Simon-Vicars Ltd.

**SPRAY GUNS**
British Bakels Ltd.
Compair Industrial Ltd.
Dawson McDonald & Dawson Ltd.
Jahn (Huntingdon) Ltd.
Reads & Barrons
Steetley Co. Ltd.

**STACKERS (ELECTRICALLY OPERATED)**
Angel Truck Co. Ltd.
Brimpex Eccles Co. Ltd.
Danks of Netherton
Ease-E-Load Trolleys Ltd.
Hestair Sherpa Ltd.
Hunter, G., (London) Ltd.
Kings Cross Truck Co. Ltd.
Lodematic Ltd.
M.G.K. Engineering Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Montgomerie Reid Ltd.
Omic Ltd.
Polymathic Engineering Co. Ltd.
Powell & Co.
Power Lifts Ltd.
Rubery Owen Conveyancer Ltd.
Simon, Henry, Ltd.

Simon-Vicars Ltd.
Slingsby, H. C., Ltd.
Tyne Truck & Trolley Co. Ltd
Wilmat Handling Co. Ltd.
Youngman, W. C., Ltd.

### STACKERS (HAND)

Angel Truck Co. Ltd.
Brimpex Eccles Co. Ltd.
Ease-E-Load Trolleys Ltd.
Hestair Sherpa Ltd.
Hunter, G., (London) Ltd.
Kings Cross Truck Co. Ltd.
Lansing Bagnall Ltd.
Lodematic Ltd.
M.G.K. Engineering Ltd.
Marryat Handling Ltd.
Montgomerie Reid Ltd.
Omic Ltd.
Polymathic Engineering Co. Ltd.
Powell & Co.
Power Lifts Ltd.
Rubery Owen Conveyancer Ltd.
Slingsby, H. C., Ltd.
Wilmat Handling Co. Ltd.
Youngman, W. C., Ltd.

### STACKERS (MOBILE)

Angel Truck Co. Ltd.
Brimpex Eccles Co. Ltd.
Ease-E-Load Trolleys Ltd.
Hestair Sherpa Ltd.
Hunter, G., (London) Ltd.
Kings Cross Truck Co. Ltd.
Lodematic Ltd.
M.G.K. Engineering Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Montgomerie Reid Ltd.
Omic Ltd.
Polymathic Engineering Co. Ltd.
Powell & Co.
Power Lifts Ltd.
Rubery Owen Conveyancer Ltd.
Selo-Bollans Ltd.
Simon, Henry, Ltd.
Slingsby, H. C., Ltd.
Wilmat Handling Co. Ltd.
Youngman, W. C., Ltd.

### STACKING & LOADING MACHINES (STARCH TRAY)

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brimpex Eccles Co. Ltd.
Buhler-Miag (England) Ltd.
Coupe, Clifford, Ltd.
Lodematic Ltd.
Marryat Handling Ltd.
Power Lifts Ltd.

### STAPLING MACHINES

Barthes-Roberts Ltd.
Bostitch
Convertex Machinery Ltd.
Gordian Strapping Ltd.
Lotz Abbott & Co. Ltd.
Signode Ltd.

### STARCH PLANT MACHINERY

A.P.V.-Mitchell (Dryers) Ltd.
Alfa-Laval Co. Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Boulton, William, Ltd.
Bramigk & Co. Ltd.
Convertex Machinery Ltd.
Coupe, Clifford, Ltd.
Johnson, S. H., & Co. Ltd.
Pennwalt Ltd.
Robinson, W. S., & Co.
Simon, Richard, & Sons Ltd.
Van den Bergh & Partners Ltd.
Vincent Processes Ltd.
Westfalia Separator Ltd.
Willis Europlant Ltd.

### STEAM TRAPS

BSS
Holden & Brooke Ltd.
Hopkinsons Ltd.
Mil Ltd.
Royles Ltd.
Spirax-Sarco Ltd.

### STERILISERS (BOTTLE)

Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.

British Miller Hydro Co. Ltd.
Clayton, George S., Ltd.
Dairy Supply Co.
Engelmann & Buckham Ltd.
Erben, H., Ltd.
Fraser, John, & Son Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Hiron & Rempler Ltd.
Meyer Dumore Int. Ltd.
Perkins Boilers Ltd.
Simon-Barron Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh & Partners Ltd.
Vickers-Dawson

### STERILISERS (CONTINUOUS)

A.P.V. Co. Ltd.
Alfa-Laval Co. Ltd.
Allmet, Oliver Douglas Ltd.
Berendsen, S., Ltd.
Bosch, Robert, Packaging Machinery
Cherry-Burrell Ltd.
Engelmann & Buckham Ltd.
Grundy (Teddington) Ltd.
Hart, W. J., & Sons (London) Ltd
Hiron & Rempler Ltd.
Hygrotherm Eng. Ltd.
Jahn, F., & Co. Ltd.
Johnson, A., & Co. (London) Ltd
Mather & Platt Ltd.
Selo-Bollans Ltd.
Van den Bergh & Partners Ltd.
Vickers-Dawson
Willis Europlant Ltd.

### STERILISERS (ROTARY)

Bosch, Robert, Packaging Machinery
Engelmann & Buckham Ltd.
Fraser, John, & Son Ltd
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Hygrotherm Eng. Ltd.
Mather & Platt Ltd.
Van den Bergh & Partners Ltd.

### STERILISATION PLANT (AIR) ultra-violet

Bramigk & Co. Ltd.
Cimex Ltd.
Domnick Hunter Engineers Ltd.
Hanovia Lamps Ltd.
Pelkman, John, Eng. Co.

### STERILISATION PLANT (WATER)

Bosch, Robert, Packaging Machinery
Metering Pumps Ltd.
Portacel Ltd.
Serck Water Processing
Stella-Meta Filters
Wallace & Tiernan Ltd.

### STERILISATION PLANT (WATER) ultra-violet

Hanovia Lamps Ltd.

### STILLAGES (LIGHT ALLOY)

A. P. Manufacturing Co. Ltd.
Allcoa Container Systems (G.B.)
Bennett Swiftline Ltd.
Collis Mechanical Handling Ltd.
Dexion Group of Companies
Hunter, G. (London) Ltd.
Lawton Pallets Ltd.
Metalrax Ltd.
Omic Ltd.
Rubery, Owen (Wrexham) Ltd.
Towers (Sunderland) Ltd.
Warwick Production Co. Ltd.

### STILLAGES (STEEL)

A. P. Manufacturing Co. Ltd.
Acme Conveyors & Construction
Angel Truck Co. Ltd.
Associated Crates Ltd.
Bambergers Materials Handling
Bennett Swiftline Ltd.
Butterley Engineering Co. Ltd.
Collis Mechanical Handling Ltd.
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Geest Industries Ltd

Hunter, G. (London) Ltd.
Kings Cross Truck Co. Ltd.
Lawton Pallets Ltd.
M.G.K. Engineering Ltd.
Metalrax Ltd.
Montgomerie Reid Ltd.
Norris, D. C., & Co. Ltd.
Omic Ltd.
Power Lifts Ltd.
Rubery, Owen (Wrexham) Ltd.
Star Welding Co.
Towers (Sunderland) Ltd.
Tyne Truck & Trolley Co. Ltd.
Wilmat Handling Co. Ltd.

## STILLAGES (TUBULAR STEEL)

A.P. Manufacturing Co. Ltd.
Acme Conveyors & Construction
Angel Truck Co. Ltd.
Associated Crates Ltd.
Bambergers Materials Handling
Bennett Swiftline Ltd.
Collis Mechanical Handling Ltd.
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Gascoigne, Gush & Dent
Geest Industries Ltd.
Hunter, G., (London) Ltd.
Kings Cross Truck Co. Ltd.
Lawton Pallets Ltd.
M.G.K. Engineering Ltd.
Metalrax Ltd.
Montgomerie Reid Ltd.
Norris, D. C., & Co. Ltd.
Omic Ltd.
Powell & Co.
Power Lifts Ltd.
Rubery Owen (Wrexham) Ltd.
Towers (Sunderland) Ltd.
Tyne Truck & Trolley Co. Ltd.
Willmot Trucks Ltd.
Wilmat Handling Co. Ltd.

## STILLAGES (WOOD & METAL)

Aldersley Engineers Ltd.
Angel Truck Co. Ltd.
Bambergers Materials Handling
Bennett Swiftline Ltd.
Collis Mechanical Handling Ltd.
Coolmota Ltd.
Dairy Supply Co.
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Geest Industries Ltd.
Hunter, G. (London) Ltd.
Kings Cross Truck Co. Ltd.
Lawton Pallets Ltd.
M.G.K. Engineering Ltd.
Montgomerie Reid Ltd.
Omic Ltd.
Slingsby, H. C., Ltd.
Star Welding Co.
Towers (Sunderland) Ltd.
Tyne Truck & Trolley Co. Ltd.
WCB Containers Ltd.
Wilmat Handling Co. Ltd.
Youngman, W. C., Ltd.

## STITCHING MACHINES (WIRE)

Bostich
Gerrard Industries Ltd.
Lotz, Abbott & Co. Ltd.
Metromethods Ltd.
Sack Fillers
Vickers Ltd., Engineering Group

## STONING MACHINES

Bramigk & Co. Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
Buhler-Miag (England) Ltd.
Hart, W. J., & Sons (London) Ltd.
M. & M. Process Equipment Ltd.
Robinson, Thomas, & Son Ltd.
Simon, Henry, Ltd.
Van den Bergh & Partners Ltd.

## STOPPERING MACHINES

Albro Fillers & Engineering
Bramigk & Co. Ltd.
Clayton, George S., Ltd.
Gravfil Machines Ltd.
Peters Packaging Ltd.
Purdy Machinery Co. Ltd.
Rockwell Pneumatic Scale Ltd.
Vickers-Dawson
Wicanders (Gt. Britain) Ltd.

## STOPPER WASHING MACHINES

*See Washing Machines (Stopper)*

## STRAPPING & BANDING MACHINES

Adams Powel Packaging Machinery
Bridon Fibres & Plastics Ltd.
Gerrard Industries Ltd.
Gordian Strapping Ltd.
Power, F. A., Ltd.
Signode Ltd.

## STRIP-PACKAGING MACHINES

Bosch, Robert, Packaging Machinery
Carrington Packaging Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Hart, W. J., & Sons (London) Ltd.
Hassia Packaging Machines Ltd.
Ivers-Lee (G.B.) Ltd.
Robinson, W. S., & Co.
Rose Forgrove Ltd.
Van den Bergh Walkinshaw

## SUGAR BOILERS

A.P.V. Co. Ltd.
Bartleet, Norman, Ltd.
Blundell & Crompton Ltd.
Bosch, Robert, Packaging Machinery
Bramigk, & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Clayton, George S., Ltd.
Coupe, Clifford, Ltd.
Giusti, T., & Sons Ltd.
Hansel, Otto, Machinery Ltd.
Morton, Robert, DG Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
SSV Ltd.
Skerman Group
Van den Bergh Walkinshaw
Welch, J. A., (Plant & Vessel) Ltd.

## SUGAR BOILING STOVES

Bramigk, & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Skerman Group
Van den Bergh Walkinshaw
Welch, J. A., (Plant & Vessel) Ltd.

## SUGAR CENTRIFUGALS

Bramigk & Co. Ltd.
Broadbent, Thomas, & Sons Ltd.
Gimson & Co. (Leicester) Ltd.
Pennwalt Ltd.
Robinson, W. S., & Co.
Van den Bergh Walkinshaw

## SUGAR COOKERS

*See Cookers (Sugar)*

## SUGAR COOLERS

*See Coolers (Sugar)*

## SUGAR DISSOLVING PLANT

A.P.V. Co. Ltd.
Bosch, Robert, Packaging Machinery
Bramigk, & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Confectionery Developments Ltd.
Coupe, Clifford, Ltd.
Giusti, T., & Sons Ltd.
Hansel, Otto, Machinery Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Lang-London-Ltd.
Lightnin Mixers Ltd.
Morton, Robert, DG Ltd.
Plenty & Son Ltd.
Pontifex, H., & Sons Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
SSV Ltd.
Tourell (Sales) Ltd.

Van den Bergh Walkinshaw
Vickers Ltd. Engineering Group

### SUGAR DOSING MACHINES

Autopack Ltd.
Bramigk, & Co. Ltd.
Bristol Packaging Machines
British Hartford-Fairmont Ltd.
Convertex Machinery Co. Ltd.
Emhart (U.K.) Ltd.
Robinson, W. S., & Co.
Van den Bergh Walkinshaw

### SUGAR FILTERS

*See Filters (Sugar)*

### SUGAR GRANULATORS & DRYERS

Buell Ltd.
Gimson & Co. (Leicester) Ltd.
Newell Dunford Engineering Ltd.
Robinson, W. S., & Co.
Rosin Eng. Co. Ltd.
Van den Bergh Walkinshaw

### SUGAR GRINDING MACHINES

*See Grinding Machines (Sugar)*

### SUGAR PLANT (CUBE)

*See Cube Sugar Plant*

### SUGAR SANDING MACHINES

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Crollie, J., & Sons Ltd.
Jahn, F., & Co. Ltd.
Robinson, W. S., & Co.
Van den Bergh Walkinshaw
Welch, J. A., (Plant & Vessel) Ltd.

### SUGAR STORAGE & HANDLING PLANT

Acme Conveyors & Construction
Ajax Equipment (Bolton) Ltd.
Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Bramigk, & Co. Ltd.
Callow Engineering Ltd.
G.E.C.-Elliott Mechanical Handling Ltd.
Gilbert, G. & R., Ltd.
Giusti, T., & Sons Ltd.
King, Geo. W., Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Overstall & Sons Ltd.
P. D. (Technical Mouldings) Ltd.
Plenty & Son Ltd.
Redler Conveyors Ltd.
Robinson, W. S., & Co.
Sandvik Conveyors Ltd.
Simon, Henry, Ltd.
Uesco Ltd.
Van den Bergh Walkinshaw

### SUGAR WEIGHING MACHINES (AUTOMATIC)

*See Weighing Machines (Sugar)*

### SURFACE HEATERS (ELECTRIC)

Electrothermal Engineering Ltd.
Isopad Ltd.
Stabilag Engineering Ltd.

### SWEET WRAPPING MACHINES

*See Wrapping Machines (Sweets)*

### SWISS ROLL PLANT (AUTOMATIC)

Baker Perkins Ltd.
Manex & Co.
Oakes, E. T., Ltd.
Payne, F. C., & Co.
Robinson, W. S., & Co.
Simon-Vicars Ltd.

### SWISS ROLL WRAPPING MACHINES

*See Wrapping Machines (Swiss Roll)*

## SYRUP AGITATORS

*See Agitators*

## SYRUP MAKING PLANT

A.P.V. Co. Ltd.
Bosch, Robert, Packaging Machinery
Bramigk, & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Clayton, George S., Ltd.
Giusti, T., & Sons Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Plenty & Son Ltd.
Vickers Ltd., Engineering Group

## SYRUP PANS

*See Pans (Syrup)*

## SYRUP PUMPS

*See Pumps (Syrup)*

## SYRUP STORAGE TANKS

*See Tanks (Syrup Storage)*

## SYRUPERS (CAN)

Hart, W. J., & Sons (London) Ltd.
M. & M. Process Equipment Ltd.
Metal Box Co. Ltd.

## TABLES (ALUMINIUM)

ABR Food Machinery Co. Ltd.
Associated Metal Works (Glasgow) Ltd
Clayton, George S., Ltd.
Crollie, J., & Son Ltd.
Giusti, T., & Son Ltd
Loughborough Ovens Ltd.
Maitlands (Metal Works) Ltd.
Marston Excelsior Ltd.
Metal Units
Rapmac Ltd.
SSV Ltd.
Selo-Bollans Ltd.
Warwick Production Co. Ltd
Welch, J. A., (Plant & Vessel) Ltd.
Wincanton Desco

## TABLES (BOTTLE ACCUMULATING)

Albro Fillers & Engineering Co.
Arenco-Alite Ltd.
Barry-Wehmiller Machinery Co.
British Miller Hydro Co. Ltd.
Clayton, George S., Ltd.
Dico Packaging Engineers Ltd.
F & C Engineering Works Ltd.
Fairest, Morgan, Ltd.
Giusti, T., & Son Ltd.
Graham-Enock Manufacturing
Gravfil Machines Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Holland, Peter, (Food Machinery)
Jahn, F., & Co.
Meyer Dumore Int. Ltd.
Pontifex, H., & Sons Ltd.
Powley, R., & Sons Ltd.
U.D. Engineering Co. Ltd.
Van den Bergh & Partners Ltd.
Vickers-Dawson
Willis Europlant Ltd.

## TABLES (CHOCOLATE TAPPING)

Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Jahn (Huntingdon) Ltd.
Robinson, W. S., & Co.

## TABLES (HOT & COLD)

Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Brierley, Collier & Hartley Equipment Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J. & Sons (London) Ltd.

Jahn (Huntingdon) Ltd.
Ling Systems Ltd.
Loughborough Ovens Ltd.
Manor Engineering Co. Ltd.
Robinson, W. S., & Co.
Skerman Group
Stabilag Engineering Ltd.
Walter Denis Contacts Co. Ltd
Welch, J. A., (Plant & Vessel) Ltd

## TABLES (JAM FILLING)

Associated Metal Works (Glasgow)
Brierley, Collier & Hartley Equipment Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## TABLES (MOULDING)

Crollie, J., & Sons Ltd.
Hart, W. J., & Sons (London) Ltd.
Mason, W. F., Ltd.
Reads & Barrons
Robinson, W. S., & Co.
Welch, J. A. (Plant & Vessel)

## TABLES (PACKING)
**conveyor**

ABR Food Machinery Co. Ltd.
Acme Conveyors & Construction
Ascoli Ltd.
Baker Perkins Ltd.
Bancroft Fillers & Appliances Ltd
Bennett Swiftline Ltd.
Berendsen, S., Ltd.
Campbell, Hugh, (London) Ltd.
Clayton, George S., Ltd.
Coolmota Ltd.
Crollie, J., & Sons Ltd.
Davies, Pritchard & Richmond Ltd.
Dexion Group of Companies
Emhart (U.K.) Ltd.
F. & C. Engineering Works
Fairest, Morgan, Ltd.
Gerrard Industries Ltd.
Gravfil Machines Ltd.
Handy Angle
Hart, W. J., & Sons (London) Ltd.
Hill, Thomas, Engineering (Hull)
Jahn (Huntingdon) Ltd.
Jonge Poerink (UK) Ltd.
Ling Systems Ltd.
Manufacturers Equipment Co. Ltd.
Marryat Handling Ltd.
Normanton Engineers Ltd.
Novotechnics Ltd.
Overstall & Sons Ltd.
Rapmac Ltd.
Sandvik Conveyors Ltd.
Stewart Gill & Co. Ltd.
Vanmar Products Ltd.
Walter Denis Contacts Co. Ltd.
Watten Emulsifying Machines
Wilmat Handling Co. Ltd.
Wright Machinery Co. Ltd.

## TABLES (STAINLESS STEEL)

ABR Food Machinery Co. Ltd.
Alfred & Co. Ltd.
Ascoli Ltd.
Associated Metal Works (Glasgow) Ltd.
Barwin Engineering Co. Ltd.
Becketts Bakery Engineers Ltd.
Bennett Swiftline Ltd.
Bishop, Thomas, Ltd.
Braby-Llewellins & James Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Clayton, George S., Ltd.
Cox Ovenbuilders Ltd.
Dairy Supply Co.
Eureka Eng. Co. Ltd.
Fairest, Morgan, Ltd.
Foodtech Ltd.
Freeman, Taylor Ltd.
Giusti, T., & Son Ltd.
Invicta Sheet Metal Co. Ltd.
Iwel Engineering Ltd.
Loughborough Ovens Ltd.
Maitlands (Metal Works) Ltd.
Mather & Platt Ltd.
Novotechnics Ltd.
Potter, F. W., & Soar Ltd.
Power Lifts Ltd.
RHM Ingredient Supplies Ltd.
Rapmac Ltd.
Reads & Barrons

SSV Ltd.
Selo-Bollans Ltd.
TRF Pland Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh Walkinshaw
Vanmar Products Ltd.
Warwick Production Co. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Wincanton Desco
Wright Hargreaves Eng. Co. Ltd.

## TABLET PRESSES

*See Presses (Tablet)*

## TABLETING MACHINES (BOILED SUGAR)

Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Cornwell Products Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Robinson, W. S., & Co.
Skerman Group

## TABLET WRAPPING MACHINES

*See Wrapping Machines (Tablet)*

## TANK CONTENTS GAUGES

*See Gauges (Tank Contents)*

## TANKS (ALUMINIUM)

ABR Food Machinery Co. Ltd.
A. P. Manufacturing Co. Ltd.
A.P.V. Co. Ltd.
Alcoa Container Systems (G.B.)
Asme Vessels Ltd.
Blairs Ltd.
Blundell & Crompton Ltd
Braby Group Ltd. (Bristol)
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Butterfield, W. P., (Engineers) Ltd.
Carmichael & Sons (Worcs.) Ltd.
Giusti, T., & Son Ltd.
Heston Equipment Co. Ltd.
Hiron & Rempler Ltd.
Loughborough Ovens Ltd.
Pontifex, H., & Sons Ltd.
Ramsden, R., & Son Ltd.
SSV Ltd.
Selo-Bollans Ltd.
Steels Process Plants Ltd.
Stockdale Engineering Ltd.
Warwick Production Co. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Willis Europlant Ltd.
Wincanton Desco

## TANKS (BALANCE)

A.P.V. Co. Ltd.
Ardleigh Laminated Plastics Co
Burnett & Rolfe Ltd.
Clarke Chapman Ltd.
Clayton, George S., Ltd.
Dairy Supply Co.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd
Perkins Boilers Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co. Ltd.

## TANKS (BRINE)

ABR Food Machinery Co. Ltd.
A.P.V. Co. Ltd.
Acalor (1948) Ltd.
Albrin Products Ltd.
Alfred & Co. Ltd.
Allmet, Oliver Douglas Ltd.
Ardleigh Laminated Plastics Co
Associated Metal Works (Glasgow) Ltd.
Baldock & Pearce Ltd.
C.P. Equipment Ltd.
Clarke Chapman Ltd.
Clayton, George S., Ltd.
Coolmota Ltd.
Durapipe & Lamberts Sales

Forbes, Kenneth, (Plastics) Ltd.
Giusti, T., & Son Ltd.
Grenco Eng. & Contracting Ltd.
Hiron & Rempler Ltd.
Iwel Engineering Ltd.
Johnson, A., & Co. (London) Ltd
Lightfoot Refrigeration Co.
Maitlands (Metal Works) Ltd
Mather & Platt Ltd.
Noviss Plastics Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Stockdale Engineering Ltd.
Van den Bergh & Partners Ltd.
Vanmar Products Ltd.
WCB Containers Ltd.
Walter Denis Contacts Co. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
York Division of Borg-Warner Ltd.

### TANKS (CAST IRON)

Braby Group Ltd. (Bristol)
Butterley Engineering Co. Ltd.
Gimson & Co. (Leicester) Ltd.
Mather & Platt Ltd.
Ramsden, R., & Son Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### TANKS (CHOCOLATE STORAGE)

Asme Vessels Ltd.
Associated Metal Works (Glasgow)
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Braby Group Ltd. (Bristol)
Butterfield, W. P., (Engineers) Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Giusti, T., & Son Ltd.
Hansel, Otto, Machinery Ltd.
Jahn (Huntingdon) Ltd.
Maitlands (Metal Works) Ltd.
Manor Engineering Co. Ltd.
P. D. (Technical Mouldings) Ltd.
Plenty & Son Ltd.
Robinson, W. S., & Co.
Tourell (Sales) Ltd.
Van den Bergh Walkinshaw
WCB Containers Ltd.
Walter Denis Contacts Co. Ltd.
Welch. J. A., ( Plant & Vessel) Ltd.

### TANKS (COCOA LIQUOR)

Bartleet, Norman, Ltd.
Braby Group Ltd. (Bristol)
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Giusti, T., & Sons Ltd.
Hansel, Otto, Machinery Ltd.
Jahn (Huntingdon) Ltd.
Manor Engineering Co. Ltd.
Plenty & Son Ltd.
Robinson, W. S., & Co.
WCB Containers Ltd.
Walter Denis Contacts Co. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### TANKS (COPPER)

A.P.V. Co. Ltd.
Apex Construction Ltd.
Asme Vessels Ltd.
Blairs Ltd.
Blundell & Crompton Ltd.
Braby Group Ltd. (Bristol)
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Filling Machines Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Mason, W. F., Ltd.
Morton, Robert, DG Ltd.
Pontifex, H., & Sons Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Stockdale Engineering Ltd.
Vickers Ltd., Engineering Group
Welch, J. A., (Plant & Vessel) Ltd.
Willis Europlant Ltd.

### TANKS (ENAMEL OR GLASS LINED)

Acalor (1948) Ltd.
Balfour, Henry, & Co. Ltd.
Erben, H., Ltd.
M. & M. Process Equipment Ltd.
Prodorite Ltd.
Purdy Machinery Co. Ltd.
Willis Europlant Ltd.

### TANKS (HOLDING)

A.P.V. Co. Ltd.
Acalor (1948) Ltd.
Alfred & Co. Ltd.
Ardleigh Laminated Plastics Co.
Associated Metal Works (Glasgow)
Braby Group Ltd. (Bristol)
Bramigk & Co. Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
Clayton, George S., Ltd.
Forbes, Kenneth (Plastics) Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Jahn (Huntingdon) Ltd.
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Manor Engineering Co. Ltd.
P.D. (Technical Mouldings) Ltd.
Ramsden, R., & Son Ltd.
Stockdale Engineering Ltd.
WCB Containers Ltd.
Walter Denis Contacts Co. Ltd.
Welch. J. A., ( Plant & Vessel) Ltd.
Willis Europlant Ltd.
Wright Hargreaves Eng. Co. Ltd.

### TANKS (JAM COOLING)

A.P.V. Co. Ltd.
Associated Metal Works (Glasgow)
Brierley, Collier & Hartley
  Equipment Ltd.
C.P. Equipment Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Johnson, A., & Co. (London) Ltd
Maitlands (Metal Works) Ltd.
Mather & Platt Ltd.
Skerman Group
Welch, J. A., (Plant & Vessel) Ltd.

### TANKS (MILK STORAGE)

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Asme Vessels Ltd.
Associated Metal Works
  (Glasgow) Ltd.
Braby-Llewellins & James Ltd.
Bramigk & Co. Ltd.
Burnett & Rolfe Ltd.
Butterfield, W. P., (Engineers) Ltd.
Clarke Chapman Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Dairy Supply Co.
Erben, H., Ltd.
Freeman, Taylor Ltd.
Giusti, T., & Son Ltd.
Hamilton, James, & Sons
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Morton, Robert, DG Ltd.
P.D. (Technical Mouldings) Ltd.
Robinson, W. S., & Co.
SSV Ltd.
Stockdale Engineering Ltd.
TRF Pland Ltd.
Van den Bergh & Partners Ltd.
Vickers-Dawson
WCB Containers Ltd.
Walter Denis Contacts Co. Ltd.
Welch, J. A. (Plant & Vessel)
Willis Europlant Ltd.
Wright Hargreaves Eng. Co. Ltd.

### TANKS (MIXING)

A.P.V. Co., Ltd.
Alfred & Co. Ltd.
Apex Construction Ltd.
Asme Vessels Ltd.
Associated Metal Works
  (Glasgow) Ltd
Brierley, Collier & Hartley
  Equipment Ltd.
Burnett & Rolfe Ltd.
Butterfield, W. P., (Engineers) Ltd.
Clarke Chapman Ltd.
Clayton, George S., Ltd.
Forbes, Kenneth, (Plastics) Ltd.
Giusti, T., & Son Ltd
Greaves, Joshua, & Sons Ltd.
Hiron & Rempler Ltd
I. & P. Chemical Engineers Ltd.
Johnson, A. & Co. (London) Ltd.
Lang-London-Ltd
M. & M. Process Equipment Ltd.
Maitlands (Metal Works) Ltd.

Manor Engineering Co. Ltd.
Mather & Platt Ltd.
Morton, Robert, DG Ltd.
P.D. (Technical Mouldings) Ltd.
Plenty & Son
Premier Colloid Mills Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
SSV Ltd.
Selo-Bollans Ltd.
Stockdale Engineering Ltd.
Tourell (Sales) Ltd.
WCB Containers Ltd.
Walter Denis Contacts Co. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Willis Europlant Ltd.

## TANKS (NICKEL)

A.P.V. Co. Ltd.
Associated Metal Works (Glasgow) Ltd
Brierley, Collier & Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Clarke Chapman Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Maitlands (Metal Works) Ltd.
Ramsden, R., & Son Ltd.
SSV Ltd.
Stockdale Engineering Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## TANKS (PLASTIC LINED)

Acalor (1948) Ltd.
Albrin Products Ltd.
Balfour, Henry, & Co. Ltd.
Forbes Kenneth (Plastics) Ltd.
I. & P. Chemical Engineers Ltd.
Morton, Robert, DG Ltd.
Noviss Plastics Ltd.
P.D. (Technical Mouldings) Ltd.
Prodorite Ltd.
Ramsden, R., & Son Ltd.
Stockdale Engineering Ltd.
WCB Containers Ltd.
Willis Europlant Ltd.

## TANKS (PRESSURE STORAGE)

A.P.V. Co. Ltd.
Abbott & Co. (Newark) Ltd.
Asme Vessels Ltd.
Associated Metal Works (Glasgow) Ltd.
Babcock & Wilcox (Operations)
Balfour, Henry, & Co. Ltd.
Braby-Llewellins & James Ltd.
Burnett & Rolfe Ltd.
Butterfield, W. P., (Engineers) Ltd.
Carmichael & Sons (Worcs.) Ltd.
Clarke Chapman Ltd.
Dawson McDonald & Dawson Ltd.
Fraser, John, & Son Ltd.
Freeman, Taylor Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
I. & P. Chemical Engineers Ltd.
Iwel Engineering Ltd.
Johnson, A., & Co. (London) Ltd.
Lacy-Hulbert & Co. Ltd.
Maitlands (Metal Works) Ltd.
Morton, Robert, DG Ltd.
Ramsden, R., & Son Ltd.
SSV Ltd.
Stockdale Engineering Ltd.
Vickers Ltd., Engineering Group
Welch, J. A., (Plant & Vessel) Ltd.
Willis Europlant Ltd.

## TANKS (REFRIGERATED)

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Associated Metal Works (Glasgow) Ltd.
Baker Perkins Ltd.
Braby-Llewellins & James Ltd.
Burnett & Rolfe Ltd.
Clayton, George S., Ltd.
Coolmota Ltd.
Dairy Supply Co.
Giusti, T., & Son Ltd.
Grenco Eng. & Contracting Ltd.
Hiron & Rempler Ltd.
Jahn, F., & Co. Ltd.
Johnson, A., & Co. (London) Ltd.
Lightfoot Refrigeration Co.

Morton, Robert, DG Ltd.
Prestcold Ltd.
Ramsden, R., & Son Ltd.
Stockdale Engineering Ltd.
Vickers-Dawson
Welch, J. A., (Plant & Vessel) Ltd.
York Division of Borg-Warner Ltd.

## TANKS (STAINLESS STEEL)

ABR Food Machinery Co. Ltd.
A.P. Manufacturing Co. Ltd.
A.P.V. Co. Ltd.
Ajax Equipment (Bolton) Ltd.
Alcoa Container Systems (G.B.)
Alfred & Co. Ltd.
Allmet, Oliver Douglas Ltd.
Apex Construction Ltd.
Ascoli Ltd.
Asme Vessels Ltd.
Associated Metal Works (Glasgow) Ltd.
Automated Packaging Systems
Baldock & Pearce Ltd.
Balfour, Henry, & Co. Ltd.
Bishop, Thomas, Ltd.
Blairs Ltd.
Braby Group Ltd. (Bristol)
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Butterfield, W. P., (Engineers)
C.P. Equipment Ltd.
Clarke Chapman Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Dairy Supply Co.
F. & C. Engineering Works
Filling Machines Ltd.
Freeman, Taylor Ltd.
Giusti, T., & Son Ltd.
Greaves, Joshua, & Sons Ltd.
Guylew Manufacturing Co. Ltd.
Hall, J. & E., Ltd.
Hamilton, James, & Sons
Heston Equipment Co. Ltd.
Hiron & Rempler Ltd.
I. & P. Chemical Engineers Ltd.
Jahn (Huntingdon) Ltd.
Johnson, A., & Co. (London) Ltd
Loughborough Ovens Ltd.
M. & M. Process Equipment Ltd.
Maitlands (Metal Works) Ltd.
Mather & Platt Ltd
Morton, Robert, DG Ltd.
Perkins Boilers Ltd.
Platt Engineering Ltd.
Pontifex, H., & Sons Ltd.
Potter, F. W., & Soar Ltd.
Premier Colloid Mills Ltd.
Purdy Machinery Co. Ltd.
Robinson, W. S., & Co.
SSV Ltd.
Selo-Bollans Ltd.
Shaw, A. J., Co.
Simon-Rosedowns Ltd.
Skerman Group
Stockdale Engineering Ltd.
TRF Pland Ltd.
Tomlinsons (Rochdale) Ltd.
Tourell (Sales) Ltd.
Van den Bergh Walkinshaw
Vanmar Products Ltd.
Vickers-Dawson
Walter Denis Contacts Co. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Willis Europlant Ltd.
Wincanton Desco
Wright Hargreaves Eng. Co.

## TANKS (STEEL)

A. P. Manufacturing Co. Ltd.
Abbott & Co. (Newark) Ltd.
Alcoa Container Systems (G.B.)
Allmet, Oliver Douglas, Ltd.
Apex Construction Ltd.
Associated Crates Ltd.
Associated Metal Works (Glasgow) Ltd.
Automated Packaging Systems
Bacock & Wilcox (Operations) Ltd.
Baldock & Pearce Ltd.
Bishop, Thomas, Ltd.
Blairs Ltd.
Braby Group Ltd. (Bristol)
Bramigk & Co. Ltd.
Butterfield, W. P. (Engineers) Ltd.

C.P. Equipment Ltd.
Clarke Chapman Ltd.
Clayton, George S., Ltd.
Dairy Supply Co.
Edmonds, P. J., Ltd.
Erben, H., Ltd.
Filling Machines Ltd.
Fraser, John, & Son Ltd.
Freeman, Taylor Ltd.
Giusti, T., & Son Ltd.
Greaves, Joshua, & Sons Ltd.
Guylew Manufacturing Co. Ltd.
Hiron & Rempler Ltd.
I. & P. Chemical Engineers Ltd.
Iwel Engineering Ltd.
Jahn (Huntingdon) Ltd.
Loughborough Ovens Ltd.
M.G.K. Engineering Ltd.
Maitlands (Metal Works) Ltd.
Manor Engineering Co. Ltd.
Morton, Robert, DG Ltd
Potter, F. W., & Soar Ltd.
Power Lifts Ltd.
Premier Colloid Mills Ltd.
Robinson, W. S., & Co.
SSV Ltd.
Selo-Bollans Ltd.
Simon-Rosedowns Ltd.
Stockdale Engineering Ltd.
Tourell (Sales) Ltd.
Walker, C. & W., Ltd.
Walter Denis Contacts Co. Ltd
Welch, J. A., (Plant & Vessel) Ltd.
Wincanton Desco
York Division of Borg-Warner Ltd.

## TANKS (SYRUP STORAGE)

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Asme Vessels Ltd.
Associated Metal Works (Glasgow)
Balfour, Henry, & Co. Ltd.
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Burnett & Rolfe Ltd.
Clayton, George S., Ltd.
Erben, H., Ltd.
Forbes, Kenneth, (Plastics) Ltd.
Giusti, T., & Son Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd
Hiron & Rempler Ltd.
Jahn (Huntingdon) Ltd.
Johnson, A., & Co. (London) Ltd
Maitlands (Metal Works) Ltd.
Morton, Robert, DG Ltd.
P.D. (Technical Mouldings) Ltd.
Plenty & Son Ltd.
Purdy Machinery Co. Ltd.
Ramsden, R., & Son Ltd.
SSV Ltd.
Vickers Ltd., Engineering Group
WCB Containers Ltd.
Walter Denis Contacts Co. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## TANKS (TEMPERING)

Allmet, Oliver Douglas Ltd.
Artofex Engineering Works Ltd
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Becketts Bakery Engineers Ltd.
Bramigk & Co. Ltd.
Collins, Thomas, & Co. Ltd.
Coupe, Clifford, Ltd.
Crollie, J., & Son Ltd.
Giusti, T., & Sons Ltd.
Hansel, Otto, Machinery Ltd.
Jahn (Huntingdon) Ltd.
Johnson, A., & Co. (London) Ltd.
Mason, W. F., Ltd.
Mather & Platt Ltd.
Morton, Robert, DG Ltd.
Reads & Barrons
Robinson, W. S., & Co.
SSV Ltd.
Walter Denis Contacts Co. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## TANKS (TRANSPORT)

A.P.V. Co., Ltd.
Albrin Products Ltd.
Alcoa Container Systems (G.B.)
Associated Metal Works (Glasgow)
Bramigk & Co. Ltd.
Butterfield, W. P., (Engineers) Ltd.
Carmichael & Sons (Worcs.) Ltd.

Clarke Chapman Ltd.
Dairy Supply Co.
Erben, H., Ltd.
Forbes, Kenneth, (Plastics) Ltd.
Giusti, T., & Son Ltd.
Johnson, A., & Co.
  (London) Ltd.
Maitlands (Metal Works) Ltd.
P.D. (Technical Mouldings) Ltd.
Ramsden, R., & Son Ltd.
SSV Ltd.
WCB Containers Ltd.
Welch, J. A., (Plant & Vessel)
Wincanton Desco

### TANKS (TRIO CONCHED CHOCOLATE STORAGE)

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Coupe, Clifford, Ltd.
P.D. (Technical Mouldings) Ltd.
Robinson, W. S., & Co.
Van den Bergh Walkinshaw
WCB Containers Ltd.

### TANKS (WATER MEASURING & TEMPERING)

Artofex Engineering Works Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Collins, Thomas, & Co. Ltd
Custance, J. C., & Co. Ltd.
Forbes, Kenneth, (Plastics) Ltd.
Mason, W. F., Ltd.
Morton Machine Co. Ltd.
Reads & Barrons
Record Bakery Equipment Co. Ltd.
WCB Containers Ltd.
Walter Denis Contacts Co. Ltd

### TANKS & VESSELS (PLASTIC)

A.P.V.-Kestner Ltd.
Acalor (1948) Ltd.
Alcoa Container Systems (G.B.)
Dairy Supply Co.
Durapipe & Lamberts Sales
Flower Faraday Ltd.
Forbes, Kenneth (Plastics) Ltd.
M. & M. Process Equipment Ltd.
P. D. (Technical Mouldings) Ltd.
SSV Ltd.

### TAPING MACHINES (AUTOMATIC)

Adams Powel Packaging
  Machinery Ltd.
Bartleet, Norman, Ltd.
Formost Packaging Machines Ltd.
Gosheron, John, & Co. Ltd
Machinery Continental Packaging
Novotechnics Ltd.
Sellotape Products UK
Smith & Nephew Tapes Ltd.
Wix of London Ltd.

### TART MAKING MACHINES

Atlas Equipment (London) Ltd
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Burgess Eng. Ltd.
Camwheat Pie Machine Co. Ltd.
Crollie, J., & Son Ltd.
Custance, J. C., & Co. Ltd.
Invicta Sheet Metal Co. Ltd.
Mason, W. F., Ltd.
Morton Machine Co. Ltd.
Payne, F. C., & Co.
Pelkman, John, Eng. Co.

### TEA BAG MANUFACTURING MACHINES

Auto Wrappers (Norwich) Ltd.
Bosch, Robert, Packaging
  Machinery
British Hartford-Fairmont Ltd.
Cornwell Products Ltd.
Gardners of Gloucester
Ideal Packagings Ltd.
Rose Forgrove Ltd.
Spooner Food Machinery Eng. Co.
Van den Bergh Walkinshaw

### TEA BLENDING MACHINES

*See Blending Machines (Tea)*

### TEA CHEST OPENING MACHINES

Gardners of Gloucester

### TEA CUTTING MACHINES
*See Cutting Machines (Tea)*

### TEA DRYERS
*See Dryers (Tea)*

### TEA FANNING MACHINES
Alpine (Machinery) Ltd.
Marshall's Tea Machinery Co. Ltd.
Van den Bergh Walkinshaw

### TEA MACHINERY
Davidson & Co. Ltd.
Hambro Machinery Ltd.
Mitchell-Fowler Ltd.

### TEA MILLING MACHINES
*See Milling Machines (Tea)*

### TEA PACKAGING MACHINES
*See Packaging Machines (Tea)*

### TEA ROLLERS
*See Rollers (Tea)*

### TEA SORTING MACHINES
*See Sorting Machines (Tea)*

### TEA WEIGHING & FILLING MACHINES
*See Weighing & Filling Machines (Tea)*

### TEMPERATURE RECORDERS & CONTROLLERS
ABR Food Machinery Co. Ltd.
BSS
British Rototherm Co. Ltd.
Dairy Supply Co.
Drayton Controls Ltd.
Fielden Electronics Ltd.
Foster Cambridge Ltd.
Foxboro-Yoxall Ltd.
Fraser, John, & Son Ltd.
Honeywell Ltd.
Isopad Ltd.
M.E.L. Equipment Co. Ltd.
Perkins Boilers Ltd.
Sierex Ltd.
Smiths Industries Ltd.
Spirax-Sarco Ltd.
Sunvic Controls Ltd.
Taylor Instrument Companies (Europe) Ltd.
Walter Denis Contacts Co. Ltd
Wright Hargreaves Eng. Co. Ltd.

### TEXTURE TESTING INSTRUMENTS
Instron Ltd.

### TIN-GREASING EQUIPMENT
Arcall Ltd.
British Bakels Ltd.
Dawson, McDonald & Dawson
Gilbert, G. & R., Ltd.
Jahn (Huntingdon) Ltd.

### TIN-GREASING MACHINES
Arcall Ltd.
British Bakels Ltd.
Collins, Thomas, & Co. Ltd.
Crollie, J., & Son Ltd.
Dawson McDonald & Dawson Ltd.
Gilbert, G. & R., Ltd.
Jahn, F., & Co. Ltd.
Jahn (Huntingdon) Ltd.
Mono Universal Bakery Machinery
Pelkman, John, Eng. Co.

### TIN & LID WASHING MACHINES
*See Washing Machines (Tin and Lid)*

### TIN SEALING MACHINES (ADHESIVE TAPE)
Smith & Nephew Tapes Ltd.

### TOFFEE COOKERS
*See Cookers (Toffee)*

### TOFFEE CUTTING MACHINES
*See Cutting Machines (Toffee)*

### TOFFEE CUTTING & WRAPPING MACHINES

*See Cutting & Wrapping Machines (Toffee)*

### TOFFEE PLANT

Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Confectionery Developments Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Lang-London-Ltd.
Ramsden, R., & Son Ltd.
Robinson, W. S., & Co.
Rose Forgrove Ltd.
Skerman, C., & Sons Ltd.
Tourell (Sales) Ltd.

### TOMATO PUREE PLANT

Ataroth Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Hart, W. J., & Sons (London) Ltd.
Johnson, A., & Co. (London) Ltd.
Kek Ltd.
Lang-London-Ltd.
Pennwalt Ltd.
Plenty & Son Ltd.
Telcon-Process
Urschel International Ltd.
Van den Bergh & Partners Ltd.
Willis Europlant Ltd.

### TOMATO SIEVING MACHINES

*See Sieving Machines (Tomato)*

### TRAYS (ALUMINIUM)

A. P. Manufacturing Co. Ltd.
A.P.V.-Mitchell (Dryers) Ltd.
Angel Truck Co. Ltd.
Associated Crates Ltd.
Braby Group Ltd. (Bristol)
Clayton, George S., Ltd.
Clifford Products Ltd.
Coolmota Ltd.
Coupe, Clifford, Ltd.
Eureka Eng. Co. Ltd.
Giusti, T., & Son Ltd.
Grundy (Teddington) Ltd.
Heston Equipment Co. Ltd.
Lawton Pallets Ltd.
Loughborough Ovens Ltd.
Minting Machines Ltd.
Overstall & Sons Ltd.
Panelcraft Sheet Metal Co. Ltd
Prestige Industrial Ltd.
Pullman Pans Ltd.
RHM Ingredient Supplies Ltd.
Reads & Barrons
Salisbury Precision Engineering
Union Food Machinery & Equipment Ltd.
Warwick Production Co. Ltd
Welch, J. A., (Plant & Vessel) Ltd

### TRAYS (METAL)

A. P. Manufacturing Co. Ltd.
Angel Truck Co. Ltd.
Associated Crates Ltd.
Bartleet, Norman, Ltd.
Burgess Eng. Ltd.
Clayton, George S., Ltd.
Collins, Thomas, & Co. Ltd.
Coolmota Ltd.
Crollie, J., & Son Ltd.
Dairy Supply Co.
Fraser, John, & Son Ltd.
Giusti, T., & Son Ltd.
Grundy (Teddington) Ltd.
Heston Equipment Co. Ltd.
Invicta Sheet Metal Co. Ltd.
Johnson, A., & Co. (London) Ltd.
Lawton Pallets Ltd.
Loughborough Ovens Ltd.
M.G.K. Engineering Ltd.
Maitlands (Metal Works) Ltd.
Metal Box Co. Ltd.
Minting Machines Ltd.
Overstall & Sons Ltd.
Potter, F. W., & Soar Ltd.
Power Lifts Ltd.
Prestige Industrial Ltd.

RHM Ingredient Supplies Ltd.
Randall, James H., & Son Ltd
Reads & Barrons
Record Bakery Equipment
Tomlinsons (Rochdale) Ltd.
Warwick Production Co. Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Wincanton Desco

### TRAYS (PLASTIC)

Albrin Products Ltd.
Bartleet, Norman, Ltd.
Dairy Supply Co.
Durapipe & Lamberts Sales
Forbes, Kenneth, (Plastics) Ltd.
Noviss Plastics Ltd.
P.D. (Technical Mouldings) Ltd.
Prodorite Ltd.
RHM Ingredient Supplies Ltd.
Randall, James H., & Son Ltd.
Rapmac Ltd.
Vandome & Hart Ltd.
WCB Containers Ltd.

### TRAYS (PLASTIC) laminated

Acalor (1948) Ltd.
Angel Truck Co. Ltd.
Morton, Robert, DG Ltd.
Noviss Plastics Ltd.
RHM Ingredient Supplies Ltd.

### TRAYS (STAINLESS STEEL)

A.P. Manufacturing Co. Ltd.
A.P.V.-Mitchell (Dryers) Ltd.
Ajax Equipment (Bolton) Ltd.
Associated Metal Works (Glasgow)
Bartleet, Norman, Ltd.
Bishop, Thomas, Ltd.
Bollans, R. W., & Co. (Equipment)
Braby-Llewellins & James Ltd.
Clayton, George S., Ltd.
Dairy Supply Co.
Eureka Eng. Co. Ltd.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Heston Equipment Co. Ltd.
Invicta Sheet Metal Co. Ltd.
Johnson, A. & Co., (London) Ltd.
Loughborough Ovens Ltd.
Maitlands (Metal Works) Ltd.
Morton, Robert, DG Ltd.
Normanton Engineers Ltd.
Potter, F. W., & Soar Ltd.
Power Lifts Ltd.
RHM Ingredient Supplies Ltd.
SSV Ltd.
TRF Pland Ltd.
Tomlinsons (Rochdale) Ltd.
Union Food Machinery & Equipment Ltd.
Vanmar Products Ltd.
Welch, J. A., (Plant & Vessel) Ltd

### TRAYS (TIMBER)

Willmot Trucks Ltd.

### TRAYS (TINNED STEEL)

A.P. Manufacturing Co. Ltd.
Dairy Supply Co.
Invicta Sheet Metal Co. Ltd.
Lawton Ltd.
Loughborough Ovens Ltd.
Normanton Engineers Ltd.
Potter, F. W., & Soar Ltd.
RHM Ingredient Supplies Ltd.

### TRAYS (WOVEN WIRE)

Associated Crates Ltd.
Dairy Supply Co.
Fraser, John, & Son Ltd.
Lawton Ltd.
Locker Industries Ltd.
M.G.K. Engineering Ltd.
Potter & Soar, F. W., Ltd.
Prestige Industrial Ltd.
Tomlinsons (Rochdale) Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

### TROUGHS

ABR Food Machinery Co. Ltd.
Associated Metal Works (Glasgow)
Blundell & Crompton Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Collins, Thomas, & Co. Ltd.
Convertex Machinery Ltd.
Dairy Supply Co.
Fraser, John, & Son Ltd.

Freeman, Taylor Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co.
  (London) Ltd.
Maitlands (Metal Works) Ltd.
Mason, W. F., Ltd.
Morton, Robert, DG Ltd.
Nathan's Equipment Ltd.
Noviss Plastics Ltd.
Reads & Barrons
Selo-Bollans Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Wetter, J. C., & Co.
Wincanton Desco

## TROUGHS (REINFORCED PLASTIC)

Acalor (1948) Ltd.
Dairy Supply Co.
Durapipe & Lamberts Sales
Forbes, Kenneth, (Plastics) Ltd.
Noviss Plastics Ltd.
WCB Containers Ltd.

## TROUGHS (STAINLESS STEEL)

ABR Food Machinery Co. Ltd.
A.P.V. Co. Ltd.
Asme Vessels Ld.
Associated Metal Works
  (Glasgow) Ltd.
Barwin Engineering Co. Ltd.
Brierley, Collier & Hartley
  Equipment Ltd.
Butterfield W. P. (Engineers) Ltd.
Clayton, George S., Ltd.
Convertex Machinery Ltd.
Dairy Supply Co.
Freeman, Taylor Ld.
Giusti, T., & Son Ltd.
Hart, W. J., & Sons (London) Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co.
  (London) Ltd.
Maitlands (Metal Works) Ltd.
Morton, Robert, & Co. Ltd.
Platt International Ltd.
RHM Ingredient Supplies Ltd.
SSV Ltd.
Selo-Bollans Ltd.
Silent Machine & Engineering
TRF Pland Ltd.
Tomlinsons (Rochdale) Ltd.
Tourell (Sales) Ltd.
Welch, J. A., (Plant & Vessel) Ltd
Wetter, J. C., & Co.
Wincanton Desco

## TRUCKS (ALUMINIUM)

A.P. Manufacturing Co. Ltd.
A.P.V. Co. Ltd.
Angel Truck Co. Ltd.
Associated Metal Works (Glasgow}
Ease-E-Load Trolleys Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Hunter, G., (London) Ltd.
Maitlands (Metal Works) Ltd.
Noviss Plastics Ltd.
Pengco Transport Systems Ltd.
SSV Ltd.
Slingsby, H. C., Ltd.
Warwick Production Co. Ltd.

## TRUCKS (BARREL LIFTING)

A.P. Manufacturing Co. Ltd.
Angel Truck Co. Ltd.
Barlow Myers Ltd.
Brimpex Eccles Co. Ltd.
Clark Equipment Ltd.
Collis Mechanical Handling Ltd.
Coventry Climax Engines Ltd.
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Gascoigne, Gush & Dent
Harbilt Electric Trucks & Vehicles
Hunter, G., (London) Ltd.
Polymathic Engineering Co. Ltd.
Powell & Co.
Power Lifts Ltd.
Rubery Owen Conveyancer Ltd.
Slingsby, H. C., Ltd.
Tyne Truck & Trolley Co. Ltd.
Wilmat Handling Co. Ltd.

## TRUCKS (ELECTRIC)

Angel Truck Co. Ltd.
Clark Equipment Ltd.
Coventry Climax Engines Ltd.

Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Eaton Ltd.
Harbilt Electric Trucks & Vehicles
Hunter, G., (London) Ltd.
Lansing Bagnall Ltd.
Montgomerie Reid Ltd.
Omic Ltd.
Polymathic Engineering Co. Ltd.
Rubery Owen Conveyancer Ltd.
Tyne Truck & Trolley Co. Ltd.
Wilmat Handling Co. Ltd.
Youngman, W. C., Ltd.

## TRUCKS (ELEVATING)

Angel Truck Co. Ltd.
Brimpex Eccles Co. Ltd.
Clark Equipment Ltd.
Collis Mechanical Handling Ltd.
Coventry Climax Engines Ltd.
Ease-E-Load Trolleys Ltd.
Eaton Ltd.
Gascoigne, Gush & Dent
Hunter, G., (London) Ltd.
Lodematic Ltd.
Montgomerie Reid Ltd.
Omic Ltd.
Powell & Co.
Slingsby, H. C., Ltd.
Towers (Sunderland) Ltd.
Wilmat Handling Co. Ltd.

## TRUCKS (ELEVATING)
### electric

Angel Truck Co. Ltd.
Brimpex Eccles Co. Ltd.
Clark Equipment Ltd.
Coventry Climax Engines Ltd.
Ease-E-Load Trolleys Ltd.
Eaton Ltd.
Harbilt Electric Trucks & Vehicles
Hi-Reach Trucks Ltd.
Hunter, G., (London) Ltd.
Lansing Bagnall Ltd.
Lodematic Ltd.
Montgomerie Reid Ltd.
Omic Ltd.
Powell & Co.
Power Lifts Ltd.
Slingsby, H. C., Ltd.
Tyne Truck & Trolley Co. Ltd.
Wilmat Handling Co. Ltd.

## TRUCKS (FORK LIFT)

Angel Truck Co. Ltd.
Barlow Myers Ltd.
Brimpex Eccles Co. Ltd.
Clark Equipment Ltd.
Coventry Climax Engines Ltd.
Danks of Netherton
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Eaton Ltd.
Hi-Reach Trucks Ltd.
Hunter, G., (London) Ltd.
Kings Cross Truck Co. Ltd.
Lancer Boss Ltd.
Lansing Bagnall Ltd.
Lodematic Ltd.
Montgomerie Reid Ltd.
Normac Ltd.
Omic Ltd.
Polymathic Engineering Co. Ltd.
Powell & Co.
Rubery Owen Conveyancer Ltd.
Tyne Truck & Trolley Co. Ltd.
Wilmat Handling Co. Ltd.
Wingrove & Rogers Ltd.

## TRUCKS (FORK LIFT)
### electric

Barlow Myers Ltd.
Brimpex Eccles Co. Ltd.
Clark Equipment Ltd.
Coventry Climax Engines Ltd.
Danks of Netherton
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Eaton Ltd.
Harbilt Electric Trucks & Vehicles
Hi-Reach Trucks Ltd.
Hunter, G., (London) Ltd.
Lancer Boss Ltd.
Lansing Bagnall Ltd.
Lodematic Ltd.
Montgomerie Reid Ltd.
Normac Ltd.
Omic Ltd.

Polymathic Engineering Co. Ltd.
Powell & Co.
Rubery Owen Conveyancer Ltd.
Tyne Truck & Trolley Co. Ltd.
Wilmat Handling Co. Ltd.

**TRUCKS (LABELLING)**

Angel Truck Co. Ltd.
Hunter, G., (London) Ltd.
Slingsby, H. C., Ltd.
Wilmat Handling Co. Ltd.

**TRUCKS (LIFTING)**

Angel Truck Co. Ltd.
Barlow Myers Ltd.
Brimpex Eccles Co. Ltd.
Clark Equipment Ltd.
Collis Mechanical Handling Ltd.
Coventry Climax Engines Ltd.
Ease-E-Load Trolleys Ltd.
Eaton Ltd.
Hunter, G., (London) Ltd.
Kings Cross Truck Co. Ltd.
Lansing Bagnall Ltd.
Montgomerie Reid Ltd.
Omic Ltd.
Polymathic Engineering Co. Ltd.
Powell & Co.
Power Lifts Ltd.
Slingsby, H. C., Ltd.
Tyne Truck & Trolley Co. Ltd.
Wilmat Handling Co. Ltd.
Youngman, W. C., Ltd.

**TRUCKS (PALLET) hand**

Angel Truck Co. Ltd.
Barlow Myers Ltd.
Brimpex Eccles Co. Ltd.
Clark Equipment Ltd.
Collis Mechanical Handling Ltd.
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Eaton Ltd.
Gascoigne, Gush & Dent
Hi-Reach Trucks Ltd.
Hunter, G., (London) Ltd.
Kings Cross Truck Co. Ltd.
Lansing Bagnall Ltd.
M.G.K. Engineering Ltd.
Omic Ltd.
Polymathic Engineering Co. Ltd.
Power Lifts Ltd.
Rubery Owen Conveyancer Ltd.
Slingsby, H. C., Ltd.
Tyne Truck & Trolley Co. Ltd.
Vulcan Trucks Ltd.
Wilmat Handling Co. Ltd.
Youngman, W. C., Ltd.

**TRUCKS (STAINLESS STEEL)**

A.P. Manufacturing Co. Ltd.
A.P.V. Co. Ltd.
Associated Metal Works
  (Glasgow) Ltd.
Berendsen, S., Ltd.
Burnett & Rolfe Ltd.
Collis Mechanical Handling Ltd.
Coupe, Clifford, Ltd.
Ease-E-Load Trolleys Ltd.
Eureka Eng. Co. Ltd.
Foodtech Ltd.
Freeman, Taylor Ltd.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Hunter, G., (London) Ltd.
Johnson, A., & Co.(London) Ltd.
Maitlands (Metal Works) Ltd.
SSV Ltd.
Slingsby, H. C., Ltd.
TRF Pland Ltd.
Wilmat Handling Co. Ltd.

**TRUCKS (STILLAGE & PLATFORM) electric**

Angel Truck Co. Ltd.
Brimpex Eccles Co. Ltd.
Clark Equipment Ltd.
Danks of Netherton
Dexion Group of Companies
Ease-E-Load Trolleys Ltd.
Eaton Ltd.
Gascoigne, Gush & Dent
Harbilt Electric Trucks & Vehicles
Hi-Reach Trucks Ltd.
Hunter, G., (London) Ltd.
Lansing Bagnall Ltd.
Lodematic Ltd.
Montgomerie Reid Ltd.

Omic Ltd.
Polymathic Engineering Co. Ltd.
Power Lifts Ltd.
Rubery Owen Conveyancer Ltd.
Wilmat Handling Co. Ltd.

### TRUCKS & BOGIES (STAINLESS STEEL)

A.P. Manufacturing Co. Ltd.
A.P.V. Co. Ltd.
Albrin Products Ltd.
Associated Metal Works (Glasgow)
Brierley, Collier & Hartley Equipment Ltd.
Collis Mechanical Handling Ltd.
Ease-E-Load Trolleys Ltd.
Eureka Eng. Co. Ltd.
Freeman, Taylor Ltd.
Hunter, G., (London) Ltd.
Maitlands (Metal Works) Ltd.
Morton, Robert, DG Ltd.
SSV Ltd.
Selo-Bollans Ltd.
Slingsby, H. C., Ltd.
TRF Pland Ltd.
Tomlinsons (Rochdale) Ltd.
Wilmat Handling Co. Ltd.

### TUMBLERS (MEAT)

ABR Food Machinery Co.
Ascoli Ltd.
Eureka Eng. Co. Ltd.
Foodtech Ltd.
Nordunson Eng. Co.
Selo-Bollans Ltd.

### TURBO-BLOWERS (EXHAUSTERS)

B.V.C. Ltd.
Sturtevant Engineering Co. Ltd.
Tomlinsons (Rochdale) Ltd.

### UNIT PACKERS

Bosch, Robert, Packaging Machinery
Cornwell Products Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Engineering Developments (Farnborough) Ltd.
Hart, W. J., & Sons (London) Ltd.
Ivers-Lee (G.B.) Ltd.
Rapmac Ltd.
Wix of London Ltd.

### UNSCRAMBLING HOPPERS

*See Hoppers (Unscrambling)*

### UTENSIL WASHING MACHINES

*See Washing Machines (Utensil)*

### VACUUM CLEANERS (INDUSTRIAL)

BVC Ltd.
Cimex Ltd.
Columbus Dixon Ltd.
Electrolux Ltd.
Industrial Vac-Air Ltd.
Lamson Engineering Co. Ltd.
Martin Sylvester Marketing Ltd.
Nilfisk Ltd.
Portable Balers Ltd.

### VACUUM EQUIPMENT (VAPOUR)

Bivac Air Co. Ltd.
Blairs Ltd.
Edwards High Vacuum
General Engineering Co.
Hunter, Thomas, Ltd.
Leybold-Heraeus Ltd.
Luwa (U.K.) Ltd.
Ryaland Pumps Ltd.

### VALVES (CONTROL)

A.P.V. Co. Ltd.
BSS
Bailey, Sir W. H., & Co. Ltd.
Bicav Air Co. Ltd.
British Metal Crates Ltd.
Cobham, Alan, Engineering Ltd.
Compair Industrial Ltd.
Conveyancer Fork Trucks Ltd.
Dairy Pipe Lines Ltd.
Drayton Controls Ltd.
Dresser Europe, S.A.
Durapipe & Lamberts Sales

Emco Wheaton U.K. Ltd.
G.E.C.-Elliott Control Valves Ltd.
Hart, W. J., & Sons (London) Ltd.
Honeywell Ltd.
Hopkinson Ltd.
Jobling, James A., & Co. Ltd.
King, Geo. W., Ltd.
Lacy-Hulbert & Co. Ltd.
M.I.D. (Europa) Ltd.
Martonair Ltd.
Meynell Valves Ltd.
Mil Ltd.
Platon, G. A., Ltd.
Realm Engineering Works Ltd.
Sala Neldco Ltd.
Saunders Valve Co. Ltd.
Serck Audco Valves
Serck Water Processing
Steetley Co. Ltd.
Stockdale Engineering Ltd.
T.I. Chesterfield Ltd.
Williamson Manufacturing Co. Ltd.

## VALVES (CONTROL)
### automatic

BSS
Bailey, Sir W. H., & Co. Ltd.
Bivac Air Co. Ltd.
Drayton Controls Ltd.
Foxboro-Yoxall Ltd.
G.E.C.-Elliott Control Valves Ltd.
Honeywell Ltd.
Hopkinsons Ltd.
King, Geo. W., Ltd.
Lacy-Hulbert & Co. Ltd.
M.I.D. (Europa) Ltd.
Martonair Ltd.
Meynell Valves Ltd.
Mil Ltd.
Platon, G. A., Ltd.
Rubery Owen Conveyancer Ltd.
Sala Neldco Ltd.
Saunders Valve Co. Ltd.
Serck Audco Valves
Spirax-Sarco Ltd.
Steetley Co. Ltd.
Stockdale Engineering Ltd.
T.I. Chesterfield Ltd.
Taylor Industrial Companies (Europe) Ltd.

## VATS (ACID PROOF)

A.P.V. Co. Ltd.
Acalor (1948) Ltd.
Albrin Products Ltd.
Associated Metal Works (Glasgow)
Forbes, Kenneth, (Plastics) Ltd.
Giusti, T., & Sons Ltd.
Prodorite Ltd.
WCB Containers Ltd.
Welch, J. A., (Plant & Vessel) Ltd.

## VATS (CHEESE)

A.P.V. Co. Ltd.
Albrin Products Ltd.
Alfred & Co. Ltd.
Associated Metal Works (Glasgow) Ltd.
Burnett & Rolfe Ltd.
C.P. Equipment Ltd.
Clayton, George S., Ltd.
Dairy Supply Co.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Lerner Machine Co. Ltd.
WCB Containers Ltd.
Welch, J. A., (Plant & Vessel) Ltd.
Willis Europlant Ltd.
Wincanton Desco
Wright Hargreaves Eng. Co.

## VATS (CREAM)

A.P.V. Co. Ltd.
Albrin Products Ltd.
Alfred & Co. Ltd.
Associated Metal Works (Glasgow) Ltd.
Burnett & Rolfe Ltd.
C.P. Equipment Ltd.
Clayton, George S., Ltd.
Dairy Supply Co.
Giusti, T., & Son Ltd.
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Morton, Robert, DG Ltd.
SSV Ltd.
WCB Containers Ltd.
Welch, J. A., (Plant & Vessel)

Willis Europlant Ltd.
Wincanton Desco
Wright Hargreaves Eng. Co. Ltd.

## VATS (ICE CREAM AGEING)

A.P.V. Co. Ltd.
Alfred & Co. Ltd.
Associated Metal Works (Glasgow)
Burnett & Rolfe Ltd.
C.P. Equipment Co. Ltd.
Clayton, George S., Ltd.
Dairy Supply Co.
Giusti, T., & Son Ltd.
Hamilton, James, & Sons
Hiron & Rempler Ltd.
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
WCB Containers Ltd.
Wincanton Desco
Wright Hargreaves Eng. Co. Ltd.

## VEGETABLE DICING & CUBING MACHINES

ABR Food Machinery Co. Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Clayton, George S., Ltd
Crypto Ltd.
FMC Corporation (U.K.) Ltd.
Foodtech Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Manex & Co.
Mather & Platt Ltd.
RHM Ingredient Supplies Ltd.
Selo-Bollans Ltd.
Skerman Group
Ultra Rapid Machines (Scotland) Ltd.
Union Food Machinery & Equipment Ltd.
Urschel International Ltd.
Van den Bergh & Partners Ltd.
Wetter, J. C., & Co.

## VENTILATING EQUIPMENT

Acme Conveyors & Construction Ltd.
Air Control Installations Ltd.
Biddle, F. H., Ltd.
British Flettner Ventilator & Equipment Co. Ltd.
Carrier Engineering Co. Ltd.
Colt International Ltd.
Davidson & Co. Ltd.
Gilbert, G. & R., Ltd.
HTI Engineering
Improvair Ltd.
Luwa (U.K.) Ltd.
Serck Visco
Sturtevant Engineering Co. Ltd.
Supervents Ltd.
Tomlinsons (Rochdale) Ltd.
Woods of Colchester Ltd.

## VERMICELLI MACHINES (CHOCOLATE)

*See Chocolate (Vermicelli Machines)*

## VIBRATION EQUIPMENT

Acme Conveyors & Construction
Alcoa Container Systems (G.B.)
Bennett Swiftline Ltd.
Cranmer Engineering Ltd.
Dico Packaging Engineers Ltd.
Driver Southall Ltd.
Electromagnets Ltd.
Food Process Installations
Grantham Electrical Eng. Co. Ltd.
Guylew Manufacturing Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Kek Ltd.
Locker Industries Ltd.
Novotechnics Ltd.
Orthos Engineering Ltd.
Pennwalt Ltd.
Podmores (Engineers) Ltd.
Russell Finex Ltd.
Simon-Barron Ltd.
Triton Engineering Co. (Sales) Ltd.
Uesco Ltd.
Valley Automation Ltd.

## VIBRATORY FEED UNITS

Acme Conveyors & Construction Ltd.
Autopack Ltd.
Bennett Swiftline Ltd.

Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Buhler-Miag (England) Ltd.
Dico Packaging Engineers Ltd.
Driver Southall Ltd.
Electromagnets Ltd.
Food Process Installations
Giusti, T., & Sons Ltd.
Guylew Manufacturing Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Jahn (Huntingdon) Ltd.
Kek Ltd.
Locker Industries Ltd.
M. & M. Process Equipment Ltd.
Nautamix (U.K.) Ltd.
Novotechnics Ltd.
Orthos (Engineering) Ltd.
Podmores (Engineers) Ltd.
Revel Controls Ltd.
Robinson, W. S., & Co.
Sapal Ltd.
Simon-Barron Ltd.
Simon, Henry, Ltd.
Sinex Engineering Co. Ltd.
Triton Engineering Co. (Sales) Ltd.
Uesco Ltd.
Valley Automation Ltd.
Wright Machinery Co. Ltd.

## VIENNA PLANT (AUTOMATIC)

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Gilbert, G. & R., Ltd.
Payne, F. C., & Co.
Record Bakery Equipment Co. Ltd.
Robinson, W. S., & Co.

## VINEGAR PLANT

A.P.V. Co. Ltd.
Alfa-Laval Co. Ltd.
Asme Vessels Ltd.
Giusti, T., & Son Ltd.
Johnson, A., & Co. (London) Ltd.
Morton, Robert, DG Ltd.
Plenty & Son Ltd.
Skerman Group
Van den Bergh & Partners Ltd.
Willis Europlant Ltd.

## VINERS

FMC Corporation (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Van den Bergh & Partners Ltd.

## WAFER CREAMING MACHINES

Atlas Equipment (London) Ltd.
Baker Perkins Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Jahn (Huntingdon) Ltd.
Morton Machine Co. Ltd.
Pelkman, John, Eng. Co.
Robinson, W. S., & Co.
Simon-Vicars Ltd.

## WAFER CUTTING MACHINES

*See Cutting Machines (Wafer)*

## WASHING MACHINES (BAKERS' TRAY)

Allmet, Oliver Douglas Ltd.
Applied Chemicals Ltd.
Associated Crates Ltd.
Beam Engineering Products Ltd.
Becketts Bakery Engineers Ltd.
Clayton, George S., Ltd.
Coupe, Clifford, Ltd.
Davies, Pritchard & Richmond Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Novotechnics Ltd.
Vickers-Dawson
Wright Hargreaves Eng. Co.

## WASHING MACHINES (BISCUIT TIN)

Allmet, Oliver Douglas Ltd.
Applied Chemicals Ltd.
Beam Engineering Products Ltd.
Clayton, George S., Ltd.

Coupe, Clifford, Ltd.
Davies, Pritchard & Richmond Ltd.
Vickers-Dawson
Wright Hargreaves Eng. Co.

### WASHING MACHINES (BOTTLE)

Anglo Continental Machines Ltd.
Barry-Wehmiller Ltd.
Beam Engineering Products Ltd.
Bramigk & Co. Ltd.
British Miller Hydro Co. Ltd.
Clayton, George S., Ltd.
Dairy Supply Co.
Erben, H., Ltd.
Europack Eng. Co. Ltd.
FMC Corporation (U.K.) Ltd.
Gimson & Co. (Leicester) Ltd.
Hamilton, James, & Sons
Hill, Thomas, Engineering Co.
Hiron & Rempler Ltd.
Jahn (Maskiner) Ltd.
Meyer Dumore Int. Ltd.
Nordunson Eng. Co.
Perkins Boilers Ltd.
Purdy Machinery Co. Ltd.
Revel Controls Ltd.
U.D. Engineering Co. Ltd.
Vickers-Dawson
Willis Europlant Ltd.

### WASHING MACHINES (CAN)

Allmet, Oliver Douglas Ltd.
Beam Engineering Products Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Clayton, George S., Ltd.
Davies, Pritchard & Richmond Ltd.
Europack Eng. Co. Ltd.
FMC Corporation (U.K.) Ltd.
Food Process Installations
Foodtech Ltd.
Hart, W. J., & Sons (London) Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Jahn, F., & Co.
Mather & Platt Ltd.
Metal Box Co. Ltd.
Revel Controls Ltd.
U.D. Engineering Co. Ltd.
Vickers-Dawson
Wright Hargreaves Eng. Co.

### WASHING MACHINES (CASE & CRATE)

Allmet, Oliver Douglas Ltd.
Associated Crates Ltd.
Beam Engineering Products Ltd.
Clayton, George S., Ltd.
Coupe, Clifford, Ltd.
Davies, Pritchard & Richmond Ltd.
Gimson & Co. (Leicester) Ltd.
Hill, Thomas, Eng. Co. (Hull) Ltd.
Hiron & Rempler Ltd.
Nordunson Eng. Co.
Novotechnics Ltd.
U.D. Engineering Co. Ltd.
Vanmar Products Ltd.
Vickers-Dawson
Willis Europlant Ltd.
Wright Hargreaves Eng. Co.

### WASHING MACHINES (CASK)

Allmet, Oliver Douglas Ltd.
Applied Chemicals Ltd.
Clayton, George S., Ltd.
Davies, Pritchard & Richmond Ltd.
Vickers-Dawson
Willis Europlant Ltd.
Wright Hargreaves Eng. Co. Ltd.

### WASHING MACHINES (CHOCOLATE MOULD)

Allmet, Oliver Douglas Ltd.
Applied Chemicals Ltd.
Beam Engineering Products Ltd.
Clayton, George S., Ltd.
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Davies, Pritchard & Richmond Ltd.
Robinson, W. S., & Co.
Van den Bergh Walkinshaw
Vickers-Dawson
Wright Hargreaves Eng. Co. Ltd.

### WASHING MACHINES (CHURN)

Allmet, Oliver Douglas Ltd.
Clayton, George S., Ltd.

# Sorry we can't say how much an Oliver Douglas washer will save you in time and money . . .

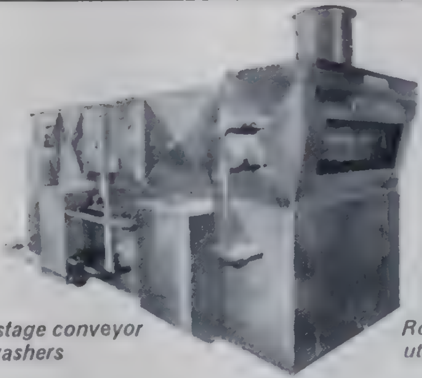
# Our customers are happy finding out for themselves

*Our range includes :*

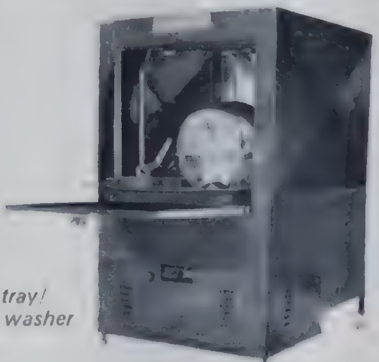
- Rotary jet tray/utensil washers
- Pot/pan washers
- Can/tin washers
- Rotary table automatic washers
- Bottle/jar washers
- Multi–stage conveyor type washers and dryers
- Food tray/utensil washers and dryers
- Monorail overhead continuous type washers
- Revolving jet rack washers
- Hatchery tray/poultry crate washers
- Bottle/crate washers
- Fish box/meat tray washers

*Our customers include :*

- Spillers Foods Ltd.
- Sunblest Bakeries (Dundee) Ltd.
- Youngs Seafoods Ltd.
- Sun Valley Poultry Ltd.
- Milanda Red Seal Bakery.
- Graves Bakers
- Wilkins The Bakers Ltd.
- Lawson of Dyce Ltd.
- Northern Ireland Farmers Bacon Co. Ltd.
- C. & T. Harris (Calne) Ltd.
- MacFisheries Ltd.
- The Nestle Company Ltd.
- Danepak Ltd.
- Acres The Bakers Ltd.
- Gateaux Ltd.
- Henry Denny & Sons Ltd.
- Wonder Cakes (Cardiff) Ltd.
- Aerated Bread Company Ltd.
- Tip Top Bakeries Ltd.
- J. Lyons & Co. Ltd.



*Multi-stage conveyor type washers*

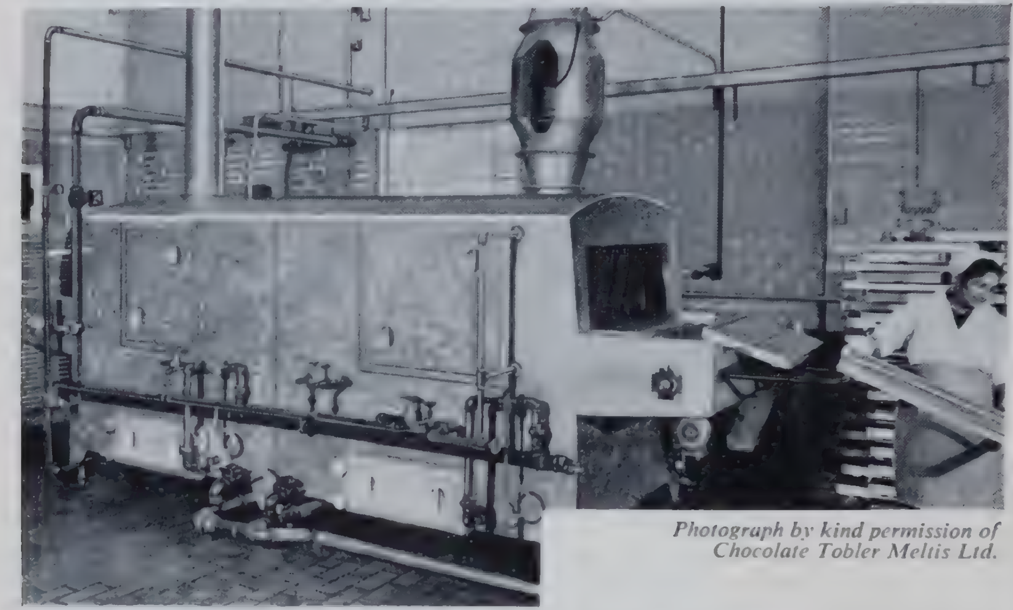


*Rotary tray/ utensil washer*

ME GROUP

**ALLMET, OLIVER DOUGLAS LIMITED**
Regd. Office: Grangefield Works . Richardshaw Road . Pudsey LS28 6RZ
Telephone : Pudsey 09735 71311. Telex : 557344.
*S African subsidiary company : Oliver Douglas & Company (S.A.) (Pty) Ltd. P.O. Box 5983 . Johannesburg.*

# W.H. CONTAINER WASHING MACHINES



*Photograph by kind permission of Chocolate Tobler Meltis Ltd.*

*Photograph by kind permission of Henry Telfer Ltd.*

**▲ Straightline Washer**

Capacity of 12 containers per minute, or 720 per hour, thoroughly cleans plastic trays which have been heavily soiled with meat, fat, etc. A battery of pressure jetting at each station comprising warm pre-rinse, detergent wash and clean hot water rinse, ensures complete covering of the surface area including those awkward corners usually present in a moulded container.

**◀ Rotary Washer**

Tubs, trays, baskets, all washed and cleaned with the Wright Hargreaves Rotary machine by one operator at outputs of up to 300 units per hour.
For the most economical running costs, low capital outlay and occupying the minimum floor space, the Wright Hargreaves Rotary washer is the answer.

**WRIGHT HARGREAVES**
**ENGINEERING CO LTD**

HARWOOD STREET, BLACKBURN BB1 3EA Telephone OBL4 56311/2 Telex 63255

Hiron & Rempler Ltd.
Nordunson Eng. Co.
U.D. Engineering Co. Ltd.
Vickers-Dawson
Wright Hargreaves Eng. Co. Ltd.

### WASHING MACHINES (FRUIT) dried

Johnson, Fred (Machinery) Ltd.
M. & M. Process Equipment Ltd.
Pelkman, John, Eng. Co.
Van den Bergh Walkinshaw

### WASHING MACHINES (FRUIT & VEGETABLE)

Acme Conveyors & Construction Ltd.
Becketts Bakery Engineers Ltd.
Berendsen, S., Ltd.
Bog Jorgensen Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Clayton, George S., Ltd.
Edmonds, P. J., Ltd.
FMC Corporation (U.K.) Ltd.
Food Process Installations
Guylew Manufacturing Co. Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Johnson, A., & Co. (London) Ltd.
Jonge Poerink (UK) Ltd.
M. & M. Process Equipment Ltd.
Manex & Co.
Mather & Platt Ltd.
Novotechnics Ltd.
Van den Bergh & Partners Ltd.
Vickers-Dawson
Watten Emulsifying Machines Ltd

### WASHING MACHINES (JAR)

Allmet, Oliver Douglas Ltd.
Anglo Continental Machines Ltd.
Beam Engineering Products Ltd.
Berendsen, S., Ltd.
Bramigk & Co. Ltd.
British Miller Hydro Co. Ltd.
Clayton, George S., Ltd.
Europack Eng. Co. Ltd.
FMC Corporation (U.K.) Ltd.
Food Process Installations
Gimson & Co. (Leicester) Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Hiron & Rempler Ltd.
Holland, Peter, (Food Machinery)
Jahn, F., & Co. Ltd.
Powley, R., & Sons Ltd.
Purdy Machinery Co. Ltd.
Revel Controls Ltd.
Robinson, W. S., & Co.
Van den Bergh Walkinshaw
Vickers-Dawson
Willis Europlant Ltd.
Wright Hargreaves Eng. Co. Ltd.

### WASHING MACHINES (PEA & BEAN)

Acme Conveyors & Construction
Bog Jorgensen Ltd.
Food Process Installations
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Pelkman, John, Eng. Co.
Robinson, Thomas, & Son Ltd.
Van den Bergh & Partners Ltd.
Watten Emulsifying Machines

### WASHING MACHINES (PULP)

Clayton, George S., Ltd.
Simon-Barron Ltd.
Van den Bergh & Partners Ltd.

### WASHING MACHINES (STOPPER)

Beam Engineering Products Ltd.
Clayton, George S., Ltd.
Hill, Thomas, Engineering Co. (Hull) Ltd.
Vickers-Dawson

### WASHING MACHINES (TIN & LID)

Allmet, Oliver Douglas Ltd.
Beam Engineering Products Ltd.
British Miller Hydro Co. Ltd.
Clayton, George S., Ltd.
Coupe, Clifford, Ltd.
Davies, Pritchard & Richmond Ltd.

Mather & Platt Ltd.
Vickers-Dawson
Wright Hargreaves Eng. Co.

## WASHING MACHINES (UTENSIL)

Allmet, Oliver Douglas Ltd.
Beam Engineering Products Ltd.
British Miller Hydro Co. Ltd.
Clayton, George S., Ltd.
Coupe, Clifford, Ltd.
Davies, Pritchard & Richmond Ltd.
Hiron & Rempler Ltd.
Hobart Manufacturing Co. Ltd.
Nordunson Eng. Co.
Vickers-Dawson
Wright Hargreaves Eng Co. Ltd.

## WASHING & STERILISING UNITS (PIPE)

A.P.V. Co. Ltd.
Associated Metal Works (Glasgow)
Clayton, George S., Ltd.
Davies, Pritchard & Richmond Ltd.
Hiron & Rempler Ltd.
Vickers-Dawson

## WASTE PROCESSING PLANT

Acme Convevors & Construction
Ataroth Ltd.
Balfour, Henry, & Co. Ltd.
Berendsen, S., Ltd.
Buhler-Miag (England) Ltd.
Europack Eng. Co. Ltd.
Film Cooling Towers (1925) Ltd.
Foster Wheeler John Brown Boilers Ltd.
Gilwrap Ltd.
HTI Engineering
Hygrotherm Eng. Ltd.
Iwel Engineering Ltd.
Lightnin Mixers Ltd.
M.E.L. Equipment Co. Ltd.
Noviss Plastics Ltd.
P.D. Process Engineering
Plenty & Son Ltd.
Sala Neldco Ltd.
Serck Water Processing
Stockdale Engineering Ltd.
Telcon-Process
Van den Bergh & Partners Ltd.
Vincent Processes Ltd.
Willis Europlant Ltd.

## WATER DISPENSER

Wetter, J. C., Ltd.

## WATER MEASURING AND TEMPERING TANKS

*See Tanks (Water Measuring and Tempering)*

## WATER PUMPS

*See Pumps (Water)*

## WATER PURIFICATION PLANT

Cornwell Products Ltd.
Elga Products Ltd.
Lightnin Mixers Ltd.
M. & M. Process Equipment Ltd.
Permutit-Boby Ltd.
Plenty & Son Ltd.
Serck Water Processing
Van den Bergh Walkinshaw
Wallace & Tiernan Ltd.
Welch, J. A., (Plant & Vessel)

## WATER SOFTENERS

M. & M. Process Equipment Ltd.
P.D. Process Engineering
Permutit-Boby Ltd.
Serck Water Processing

## WATER STERILISATION PLANT

*See Sterilisation Plant (Water)*

## WATER STERILISATION PLANT (ULTRA-VIOLET)

*See Sterilisation Plant (Water) (Ultra-Violet)*

## WEIGHFEEDERS

Avery Parsons

## WEIGHING & DEPOSITING MACHINES (CHOCOLATE)

Bartleet, Norman, Ltd.
Berkel Auto-Scale Co. Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Robinson, W. S., & Co.
Skerman, C., & Sons Ltd.
Vandome & Hart Ltd.

## WEIGHING & FILLING MACHINES (BAG)

Arenco-Alite Ltd.
Autopack Ltd.
Avery Parsons
Berkel Auto-Scale Co. Ltd.
Bennett Swiftline Ltd.
Bosch, Robert, Packaging Machinery
Bramigk, & Co. Ltd.
Bristol Packaging Machines
Carrington Packaging Ltd.
Cornwell Products Ltd.
Driver Southall Ltd.
Hart, W. J., & Sons (London) Ltd.
Herbert & Sons Ltd.
Howe-Richardson Scale Co. Ltd.
Jahn (Maskiner) Ltd.
Metromethods Ltd.
Novotechnics Ltd.
Organ, Arthur F., (Packaging Machinery) Co. Ltd.
Petzold, Henry, & Co.
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
SIG Swiss Industrial Co.
Simon, Richard, & Sons Ltd
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Vandome & Hart Ltd.
Watten Emulsifying Machines
Weighpack Ltd.
Wright Machinery Co. Ltd.

## WEIGHING & FILLING MACHINES (CARTON)

Arenco-Alite Ltd.
Autopack Ltd.
Avery Parsons
Berkel Auto-Scale Co. Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd
Carrington Packaging Ltd.
Cornwell Products Ltd.
Driver Southall Ltd.
Emhart (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd
Herbert & Sons Ltd.
Jahn (Maskiner) Ltd.
Novotechnics Ltd.
Organ, Arthur F., (Packaging Machinery) Co. Ltd.
Pneutronic Machine Co. Ltd.
Robinson, W. S., & Co.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Steetley Co. Ltd.
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Vandome & Hart Ltd.
Vickers Ltd. Engineering Group
Weighpack Ltd.

## WEIGHING & FILLING MACHINES (LIQUIDS)

Albro Fillers & Engineering Co.
Arenco-Alite Ltd.
Avery Parsons
Bennett Swiftline Ltd.
Berkel Auto-Scale Co. Ltd.
Bosch, Robert, Packaging Machinery
Bramigk, & Co. Ltd.
Emhart (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Herbert & Sons Ltd.
Roberts Filling Machines
Steetley Co. Ltd.
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Vandome & Hart Ltd.

## WEIGHING & FILLING MACHINES (PAPER BAG)

Arenco-Alite Ltd.
Autopack Ltd.
Avery Parsons

Berkel Auto-Scale Co. Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Bristol Packaging Machines
Cornwell Products Ltd.
Driver Southall Ltd.
Emhart (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Herbert & Sons Ltd.
Howe-Richardson Scale Co. Ltd.
Jahn (Maskiner) Ltd.
M.I.D. (Europa) Ltd.
Novotechnics Ltd.
Organ, Arthur F., (Packaging Machinery) Co. Ltd.
Petzold, Henry, & Co.
Rockwell Pneumatic Scale Ltd.
SIG Swiss Industrial Co.
Sack Fillers
Simon, Richard, & Sons Ltd.
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Vandome & Hart Ltd.
Weighpack Ltd.
Wright Machinery Co. Ltd.

## WEIGHING & FILLING MACHINES (POWDER)

Alexandra Separator Co. Ltd.
Arenco-Alite Ltd.
Autopack Ltd.
Avery Parsons
Bennett Swiftline Ltd.
Berkel Auto-Scale Co. Ltd.
Bosch, Robert, Packaging Machinery
Bramigk, & Co. Ltd.
Bristol Packaging Machines
Carrington Packaging Ltd.
Cornwell Products Ltd.
Driver Southall Ltd.
Emhart (U.K.) Ltd.
Hart, W. J., & Sons (London) Ltd.
Herbert & Sons Ltd.
Howe-Richardson Scale Co. Ltd.
Jahn (Maskiner) Ltd.
M.I.D. (Europa) Ltd.
Novotechnics Ltd.
Petzold, Henry, & Co.
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Simon, Richard, & Sons Ltd.
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Vandome & Hart Ltd.
Vickers Ltd. Engineering Group
Weighpack Ltd.
Wright Machinery Co.

## WEIGHING & FILLING MACHINES (SACK)

Autopack Ltd.
Avery Parsons
Berkel Auto-Scale Co. Ltd.
Buhler-Miag (England) Ltd.
Herbert & Sons Ltd.
Howe-Richardson Scale Co. Ltd.
Lodematic Ltd.
M.I.D. (Europa) Ltd.
Metromethods Ltd.
Novotechnics Ltd.
Reed Darnley Taylor Ltd.
Rockwell Packaging Machines Ltd.
Simon Handling Engineers Ltd.
Simon, Richard, & Sons Ltd.
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Vandome & Hart Ltd.
Watten Emulsifying Machines
Weighpack Ltd.

## WEIGHING & FILLING MACHINES (TEA)

Arenco-Alite Ltd.
Autopack Ltd.
Avery Parsons
Berkel Auto-Scale Co. Ltd.
Bosch, Robert, Packaging Machinery
Cornwell Products Ltd.
Driver Southall Ltd.
Hart, W. J., & Sons (London) Ltd.
Herbert & Sons Ltd.
Jahn (Maskiner) Ltd.
Novotechnics Ltd.

Petzold, Henry, & Co.
Rockwell Packaging Machines Ltd.
Rockwell Pneumatic Scale Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Transmatic Fyllen Ltd.
Van den Bergh Walkinshaw
Vandome & Hart Ltd.
Vickers Ltd. Engineering Group
Weighpack Ltd.

## WEIGHING MACHINES (AUTOMATIC)

Adequate Weighers Ltd.
Arenco-Alite Ltd.
Autopack Ltd.
Autoscale Checking Systems Ltd.
Avery Parsons
Baker Perkins Ltd.
Berendsen, S., Ltd.
Berkel Auto-Scale Co. Ltd.
Best Inspection Ltd.
Bizerba Ltd.
Bosch, Robert, Packaging Machinery
Davy Instruments Ltd.
Driver Southall Ltd.
G.E.C.-Elliott Process Instruments
Herbert & Sons Ltd.
Hobart Manfg. Co. Ltd.
Howe-Richardson Scale Co. Ltd.
Hunting Electrocontrols Ltd.
Jahn (Maskiner) Ltd.
M.I.D. Europa) Ltd.
Novotechnics Ltd.
Organ, Arthur F., (Packaging Machinery) Co. Ltd.
Proctor Dalglish
Robinson, W. S., & Co.
Rockwell Pneumatic Scale Ltd.
Simon, Richard, & Sons Ltd
Telomex (Horsham) Ltd.
Van den Bergh Walkinshaw
Vandome & Hart Ltd.
Varley-FMC Ltd.
Vickers Ltd. Engineering Group
Weighpack Ltd.
Wright Machinery Co. Ltd.

## WEIGHING MACHINES (CHECK) *see Checkweighers*

## WEIGHING MACHINES (SCALES)

ABR Food Machinery Co
Autoscale Checking Systems Ltd.
Avery Parsons
Berkel Auto-Scale Co. Ltd.
Best Inspection Ltd.
Bizerba Ltd.
Bosch, Robert, Packaging Machinery
Herbert & Sons Ltd.
Hobart Manfg. Co. Ltd.
Howe Richardson Scale Co. Ltd.
Metromethods Ltd.
Novotechnics Ltd.
RHM Ingredient Supplies Ltd.
Simon, Richard, & Sons Ltd.
Vandome & Hart Ltd.
Watten Emulsifying Machines
Wright Machinery Co. Ltd

## WEIGHING MACHINES (SUGAR) automatic

Arenco-Alite Ltd.
Autopack Ltd.
Avery Parsons
Berkel Auto-Scale Co. Ltd.
Davy Instruments Ltd.
Driver Southall Ltd.
Herbert & Sons Ltd.
Howe-Richardson Scale Co. Ltd.
Jahn (Maskiner) Ltd.
M.I.D. (Europa) Ltd.
Orthos (Engineering) Ltd.
Petzold, Henry, & Co.
Rockwell Pneumatic Scale Ltd.
Simon, Richard, & Sons Ltd.
Van den Bergh Walkinshaw
Vandome & Hart Ltd.
Weighpack Ltd.
Wright Machinery Co. Ltd.

## WEIGHING MACHINES (VATS & TANKS)

A.P.V. Company Ltd.
Avery Parsons
Berkel Auto-Scale Co. Ltd.
Bizerba Ltd.
Davy Instruments Ltd.
G.E.C.-Elliott Process Instruments

Howe-Richardson Scale Co. Ltd.
M.E.L. Equipment Co. Ltd.
Simon, Richard, & Sons Ltd.
Van den Bergh & Partners Ltd.
Vandome & Hart Ltd.

## WEIGHING & SEALING MACHINES (SACK)

Avery Parsons
Berkel Auto-Scale Co. Ltd.
Bland International Packaging
Herbert & Sons Ltd.
Howe-Richardson Scale Co. Ltd.
Novotechnics Ltd.
Petzold, Henry, & Co.
Van den Bergh Walkinshaw
Vandome & Hart Ltd.
Watten Emulsifying Machines Ltd.
Weighpack Ltd.

## WHEY PRODUCTS PLANT

A.P.V. Co. Ltd.
Alcoa Container Systems (G.B.)
Ataroth Ltd.
Blairs Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Forbes, Kenneth, (Plastics) Ltd.
Giusti, T., & Son Ltd.
Johnson, A., & Co. (London)
Pennwalt Ltd.
Petzold, Henry, & Co.
Plenty & Son Ltd.
Simon, Richard, & Sons Ltd.
Wright Hargreaves Eng. Co. Ltd.

## WHEY SEPARATORS

*See Separators (Whey)*

## WHISKS

Artofex Engineering Works Ltd.
Brierley, Collier & Hartley Equipment Ltd.
Coupe, Clifford, Ltd.
Fairfax Engineering Ltd.
Hobart Manufacturing Co. Ltd.
Invicta Sheet Metal Co. Ltd.
Lang-London-Ltd.
Morton Machine Co. Ltd.
Payne, F. C., & Co.
Reads & Barrons
Robinson, W. S., & Co.
Simon-Vicars Ltd.

## WHISKS (AIR PRESSURE)

Bartleet, Norman, Ltd.
Becketts Bakery Engineers Ltd.
Morton Machine Co. Ltd.
Robinson, W. S., & Co.
Simon-Vicars Ltd.

## WINNOWERS

Bartleet, Norman, Ltd.
Bramigk & Co. Ltd.
Burgess, Thomas, & Son (Worksop)
Cornwell Products Ltd.
Coupe, Clifford, Ltd.
Hart, W. J., & Sons (London) Ltd.
Holland, Peter, (Food Machinery)
Jahn, F., & Co. Ltd.
M. & M. Process Equipment Ltd.
Mather & Platt Ltd.
Robinson, W. S., & Co.

## WIRE STITCHING MACHINES

*See Stitching Machines* (*Wire*)

## WRAPPING MACHINES (BACON)

Alfred & Co. Ltd.
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Engineering Developments (Farnborough) Ltd.
Grace, W. R., Ltd.
Hart, W. J., & Sons (London) Ltd.
RWP Flexible Packaging
Rapmac Ltd.
Selo-Bollans Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh Walkinshaw

## WRAPPING MACHINES (BISCUIT)

Alfred & Co. Ltd.
Auto Wrappers (Norwich) Ltd
Baker Perkins Ltd.

Bartleet, Norman, Ltd.
Becketts Bakery Engineers Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Engineering Developments (Farnborough) Ltd.
Hart, W. J., & Sons (London) Ltd.
Lerner Machine Co. Ltd.
Machinery Continental Packaging
Payne, F. C., & Co.
Peters Packaging Ltd.
Rapmac Ltd.
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Sapal Ltd.
Skerman Group
Turner Automatic Machinery Co.
Van den Bergh Walkinshaw

### WRAPPING MACHINES (BOTTLE)

Alfred & Co. Ltd.
Bosch, Robert, Packaging Machinery
Cornwell Products Ltd.
Engineering Developments (Farnborough) Ltd.
Peters Packaging Ltd.
Rapmac Ltd.
Van den Bergh Walkinshaw

### WRAPPING MACHINES (BREAD)

Alfred & Co. Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Custance, J. C., & Co. Ltd.
Doboy Ltd.
Engineering Developments (Farnborough) Ltd.
Formost Packaging Machines Ltd.
Gilbert, G. & R., Ltd.
Gilwrap Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Maskiner) Ltd.
Machinery Continental Packaging
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Rapmac Ltd.
Reads & Barrons
Record Bakery Equipment
Rose Forgrove Ltd.
Smith & Nephew Plastics Ltd.
Soag Machinery Co.

### WRAPPING MACHINES (BUTTER)

Alfred & Co. Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Bristol Packaging Machines
Cornwell Products Ltd.
Engineering Developments (Farnborough) Ltd.
Hiron & Rempler Ltd.
Rapmac Ltd.
SIG Swiss Industrial Co.
Turner Automatic Machinery Co.
Van den Bergh Walkinshaw
Wright Hargreaves Eng. Co. Ltd.

### WRAPPING MACHINES (CAKE)

Alfred & Co. Ltd.
Auto Wrappers (Norwich) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Engineering Developments (Farnborough) Ltd.
FMC Corporation (U.K.) Ltd.
Formost Packaging Machines Ltd.
Gilbert, G. & R., Ltd.
Gilwrap Ltd.
Hart, W. J., & Sons (London) Ltd.

Machinery Continental Packaging
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Peters Packaging Ltd.
Rapmac Ltd.
Reads & Barrons
Robinson, W. S., & Co.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Sapal Ltd.
Turner Automatic Machinery Co.
Van den Bergh Walkinshaw

## WRAPPING MACHINES (CARTON)

ABR Food Machinery Co. Ltd.
Alfred & Co. Ltd.
Auto Wrappers (Norwich) Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Becketts Bakery Engineers Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Engineering Developments (Farnborough) Ltd.
FMC Corporation (U.K.) Ltd.
Flexile Ltd.
Gilbert, G. & R., Ltd.
Gilwrap Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Maskiner) Ltd.
Lotz Abbott & Co. Ltd.
Machinery Continental Packaging
Mono Universal Bakery Machinery
Payne, F. C., & Co.
Peters Packaging Ltd.
Rapmac Ltd.
Reads & Barrons
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Sapal Ltd.
Turner Automatic Machinery Co.
Van den Bergh Walkinshaw
Wix of London Ltd.

## WRAPPING MACHINES (CHEESE)

Blands International Packaging
Bramigk & Co. Ltd.
Bristol Packaging Machines
Cornwell Products Ltd.
Formost Packaging Machines Ltd.
Grace, W. R., Ltd.
Lerner Machine Co. Ltd.
Petzold, Henry, & Co.
RWP Flexible Packaging Ltd.
Rapmac Ltd.
Rose Forgrove Ltd.
Selo-Bollans Ltd.
Van den Bergh Walkinshaw

## WRAPPING MACHINES (CHOCOLATE)

Alfred & Co. Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Cornwell Products Ltd.
Engineering Developments (Farnborough) Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Machinery Continental Packaging
Peters Packaging Ltd.
Rapmac Ltd.
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Sapal Ltd.
Skerman Group
Turner Automatic Machinery Co.
Van den Bergh Walkinshaw

## WRAPPING MACHINES CHRISTMAS PUDDING)

Alfred & Co. Ltd.
Baker Perkins Ltd.
Carrington Packaging Ltd.

Cornwell Products Ltd.
FMC Corporation (U.K.) Ltd.
Formost Packaging Machines Ltd.
Gilbert, G. & R., Ltd.
Gilwrap Ltd.
Hart, W. J., & Sons (London) Ltd.
Rapmac Ltd.
Robinson, W. S., & Co.
Van den Bergh Walkinshaw

### WRAPPING MACHINES (COOKED MEAT)

Alfred & Co. Ltd.
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Engineering Developments (Farnborough) Ltd.
Formost Packaging Machines Ltd.
Grace, W. R., Ltd.
Hart, W. J., & Sons (London) Ltd.
Lerner Machine Co. Ltd.
RWP Flexible Packaging
Rapmac Ltd.
Rose Forgrove Ltd.
Selo-Bollans Ltd.
Union Food Machinery & Equipment Ltd.
Van den Bergh & Partners Ltd.

### WRAPPING MACHINES (CUBE)

Alfred & Co. Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Bristol Packaging Machines
Cornwell Products Ltd.
Emhart (U.K.) Ltd.
Engineering Developments (Farnborough) Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Maskiner) Ltd.
Lotz Abbott & Co. Ltd.
Rapmac Ltd.
Robinson, W. S., & Co.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Sapal Ltd.
Turner Automatic Machinery Co.
Van den Bergh Walkinshaw
Wix of London Ltd.

### WRAPPING MACHINES (ICE CREAM)

Alfred & Co. Ltd.
Bramigk & Co. Ltd.
Bristol Packaging Machines
Engineering Developments (Farnborough) Ltd.
Formost Packaging Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Rapmac Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Sapal Ltd.
Turner Automatic Machinery Co.
Van den Bergh Walkinshaw

### WRAPPING MACHINES (POLYTHENE)

Alfred & Co. Ltd.
Auto Wrappers (Norwich) Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Emhart (U.K.) Ltd.
Engineering Developments (Farnborough) Ltd.
Formost Packaging Machines Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Jahn (Maskiner) Ltd.
Machinery Continental Packaging
Peters Packaging Ltd.
Rapmac Ltd.
Robinson, W. S., & Co.
Rose Forgrove Ltd.
Selo-Bollans Ltd.
Taylor, C. F., (Unity Designs) Ltd.

### WRAPPING MACHINES (POWDER)

Alfred & Co. Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Emhart (U.K.) Ltd.
Formost Packaging Machines Ltd
Hart, W. J., & Sons (London) Ltd.
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Machinery Continental Packaging
Rapmac Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Van den Bergh Walkinshaw

### WRAPPING MACHINES (SHRINK) plastic film

Alfred & Co. Ltd.
Baker Perkins Ltd.
Bland International Packaging
Bosch, Robert, Packaging Machinery
Carrington Packaging Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Engineering Developments (Farnborough) Ltd.
Europack Eng. Co. Ltd.
Flexile Ltd.
Grace, W. R., Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Hobart Manfg. Co. Ltd.
I.D. Packaging Ltd.
Inpac Automation Ltd.
Jahn (Maskiner) Ltd.
Lerner Machine Co. Ltd.
MIA (Sheffield) Ltd.
Machinery Continental Packaging
Petzold, Henry, & Co.
Rapfast Ltd.
Rapmac Ltd.
Rockwell Packaging Machines Ltd
Rose Forgrove Ltd.
Taylor, C. F., (Unity Designs) Ltd.
Van den Bergh Walkinshaw
Wright Machinery Co. Ltd.

### WRAPPING MACHINES (STRETCH) pliofilm

Alfred & Co. Ltd.
Baker Perkins Ltd.
Bland International Packaging
Carrington Packaging Ltd.
Cornwell Products Ltd.
Europack Eng. Co. Ltd.
Rapmac Ltd.
Selo-Bollans Ltd.
Taylor, C. F., (Unity Designs) Ltd.

### WRAPPING MACHINES (SWEETS)

Alfred & Co. Ltd.
Auto Wrappers (Norwich) Ltd.
Baker Perkins Ltd.
Bartleet, Norman, Ltd.
Bosch, Robert, Packaging Machinery
Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Emhart (U.K.) Ltd.
Engineering Developments (Farnborough) Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Machinery Continental Packaging
Payne, F. C., & Co.
Rapmac Ltd.
Robinson, W. S., & Co.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Sapal Ltd.
Skerman Group
Turner Automatic Machinery Co
Van den Bergh Walkinshaw

### WRAPPING MACHINES (SWISS ROLL)

Alfred & Co. Ltd.
Baker Perkins Ltd.
Becketts Bakery Engineers Ltd.
Bosch, Robert, Packaging Machinery

Bramigk & Co. Ltd.
Carrington Packaging Ltd.
Cornwell Products Ltd.
Doboy Ltd.
Engineering Developments (Farnborough) Ltd.
Formost Packaging Machines Ltd.
Hart, W. J., & Sons (London) Ltd.
Peters Packaging Ltd.
Rapmac Ltd.
Robinson, W. S., & Co.
Rockwell Packaging Machines Ltd.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Sapal Ltd.
Van den Bergh & Partners Ltd.

### WRAPPING MACHINES (TABLETS)

Alfred & Co. Ltd.
Auto Wrappers (Norwich) Ltd.
Becketts Bakery Engineers Ltd.
Bosch, Robert, Packaging Machinery
Bramigk, & Co. Ltd.
Cornwell Products Ltd.
Guylew Manufacturing Co. Ltd.
Hansel, Otto, Machinery Ltd.
Hart, W. J., & Sons (London) Ltd.
Ivers-Lee (G.B.) Ltd.
Jahn (Maskiner) Ltd.
Machinery Continental Packaging
Petzold, Henry, & Co.
Rapmac Ltd.
Robinson, W. S., & Co.
Rose Forgrove Ltd.
SIG Swiss Industrial Co.
Sapal Ltd.
Turner Automatic Machinery Co.
Van den Bergh Walkinshaw

### WRAPPING MACHINES (TOFFEE)

*See Cutting and Wrapping Machines (Toffee)*

### X-RAY EQUIPMENT (INDUSTRIAL)

G.E.C.-Elliott Process Instruments

### YEAST BAGGING MACHINES

Emhart (U.K.) Ltd.

### YEAST CULTURE VESSELS

A.P.V. Co. Ltd.
Asme Vessels Ltd.
Associated Metal Works (Glasgow)
Balfour, Henry, & Co. Ltd.
Bishop, Thomas, Ltd.
Blairs Ltd.
Braby-Llewellins & James Ltd.
Burnett & Rolfe Ltd.
Giusti, T., & Sons Ltd.
Johnson, A., & Co. (London) Ltd.
Maitlands (Metal Works) Ltd.
Morton, Robert, DG Ltd.
Ramsden, R., & Son Ltd.
SSV Ltd.
Welch, J. A., (Plant & Vessel)

### YEAST WAGONS

A.P.V. Co. Ltd.
Associated Metal Works Glasgow Ltd.
Barthes-Roberts Ltd.
Braby-Llewellins & James Ltd.
Burnett & Rolfe Ltd.
Giusti, T., & Sons Ltd.
Johnson, A., & Co. (London) Ltd.
Morton, Robert, DG Ltd.
Ramsden, R., & Son Ltd.
Vickers Ltd., Engineering Group
Welch, J. A., (Plant & Vessel)

# SUPPLIERS OF PLANT, EQUIPMENT, AND PACKAGING MACHINERY

## NAMES AND ADDRESSES

**ABM Pilot Labelling Ltd.,**
Hythe Road,
London, N.W.10.
*Tel.* 01-969 9481.

**ABR Food Machinery Co. Ltd.,**
Denbigh Road,
Bletchley, Milton Keynes.
*Tel. Milton Keynes* (0908) 76421.
*T.A.: " Abrfood Bletchley."*
*Telex:* 82327.

**A.P. Manufacturing Co. Ltd.,**
The Furlong,
Bury Hill Industrial Estate,
Droitwich, Worcs., WR9 9AJ.
*Tel. Droitwich* (090 57) 3701.

**APV-Bowser Filtration Ltd.,**
Progress House,
21, Progress Way,
Croydon, Surrey, CR0 4XD.
*Tel.* 01-681 0428.
*T.A.: " Bowapfil."*
*Telex:* 25635.

**A.P.V. Co. Ltd.,**
P.O. Box 4,
Manor Royal,
Crawley, West Sussex, RH10 2QB.
*Tel. Crawley* 27777.
*T.A.: " Anaclastic Crawley Telex."*
*Telex:* 87237.

**A.P.V.-Kestner Ltd.,**
Station Road,
Greenhithe,
Kent, DA9 9NG.
*Tel. Greenhithe* (0322 84) 2253.
*T.A.: " Kestnerato Dartford Kent."*
*Telex:* 896356.

**A.P.V.-Mitchell (Dryers) Ltd.,**
Denton Holme,
Carlisle, Cumbria CA2 5DU.
*Tel.* 24205.
*T.A.: Dryers, Carlisle.*
*Telex:* 64139.

**A.P.V.-Osborne Craig Ltd.,**
Glenburn Road,
College Milton North,
East Kilbride,
Glasgow.
*Tel. East Kilbride* 25461.
*T.A.: " Ossiecraig, Glasgow."*
*Telex:* 77755.

**A.P.V.-Parafreeze Ltd.,**
Stephenson Way,
Thetford, Norfolk, IP24 3RP.
*Tel. Thetford* 3381.
*Telex:* 81534.

**Abbott & Co. (Newark) Ltd.,**
Newark Boiler Works,
Northern Road,
Newark, Notts.
*Tel. Newark* 4208.

**Acalor (1948) Ltd.,**
Kelvin Way, Crawley, Sussex.
*Tel. Crawley* 23271.
*T.A.: " Acalor Crawley."*

**Access Equipment Ltd.,**
Maylands Avenue,
Hemel Hempstead,
Herts.
*Tel. Hemel Hempstead* 2311.
*T.A.: " Accesequip Hemel Hempstead."*

**Accles & Pollock Ltd.**
Paddock Works,
Oldbury, Warley, West Midlands,
B69 2DF.
*Tel.* 021-552 1500.
*T.A.: " Accles Oldbury."*

**Acme Conveyors & Construction Ltd.,**
Dawley Brook,
Kingswinford,
Brierley Hill,
West Midlands, DY6 7BB.
*Tel. Kingswinford* 3301.
*T.A.: " Acknight Brierley Hill."*
*Telex:* 339803.

**Adams Powel Packaging Machinery Ltd.,**
Blackwater Trading Estate,
Camberley, Surrey.
*Tel. Camberley* 32211.
*T.A.: " Taylor Unity Camberley."*
*Telex:* 85234

**Adequate Weighers Ltd.,**
35, Willow Lane,
Mitcham, Surrey, CR4 4NA.
*Tel.* 01-648 1641.
*T.A.: "Adegrate Croydon."*
*Telex:* 24416.

**Airpel Ltd.,**
Airpel Works,
Chalfont St. Peter,
Bucks., SL9 9EL.
*Tel. Gerrards Cross* 88345.
*Telex:* 848427 *(Airpel Chalfont).*

**Ajax Equipment (Bolton) Ltd.,**
Milton Works,
Mule Street,
Bolton, Lancs., BL2 2AS.
*Tel. Bolton* 22849.

**Albrin Products Ltd.,**
551, Green Lane,
Ilford, Essex.
*Tel.* 01-590 3595.
*Telex:* 897667.

**Albro Fillers & Engineering Co. Ltd.,**
Wharf Road, Ponders End,
Middx, EN3 4TH.
*Tel.* 01-804 2622.
*T.A.: " Albromach Enfield."*
*Telex:* 27125.

**Alcan Ekco Ltd.,**
90, Asheridge Road,
Chesham, Bucks., HP5 2QE.
*Tel. Chesham* (02 405) 6061.
*T.A.: " Alcanekco Chesham."*
*Telex:* 83679.

**Alcoa Container Systems (G.B.) Ltd.,**
Budbrooke Road,,
Warwick.
*Tel. Warwick* 46441.
*T.A.: " Alcoa Warwick."*
*Telex:* 31323 *Alcoasysts Warwick."*

**Alfa-Laval Co. Ltd.,**
Great West Road,
Brentford, Middx., TW8 9BT.
*Tel.* 01-560 1221.
*T.A.: " Alfalaval London Telex."*
*Telex:* 22769.

**Alfred & Co. Ltd.,**
Coombe Road,
London, N.W.10.
*Tel.* 01-452 1132.
*T.A.: " Icefrigo London N.W.*10"

**Allmet, Oliver Douglas Ltd.**
Grangefield Works,
Richardshaw Road,
Pudsey, LS28 6RZ.
*Tel. Pudsey* (09735) 71311.
*T.A.: " Megroup."*
*Telex:* 557344.

**Alpine (Machinery) Ltd.,**
170, High Street,
Uxbridge, Middx., UB8 1ED.
*Tel. Uxbridge* 35635.
*T.A.: " Alpmac Uxbridge."*

**Angel Truck Co. Ltd.,**
Meteor Works,
242/4, Billet Road,
London, E17 5DZ.
*Tel.* 01-527 5566.
*T.A.: "Angeltruc London E17 5DZ."*

**Anglo Continental Machines Ltd.,**
Marbaix House,
Bessemer Road,
Basingstoke,
Hampshire, RG21 3NT.
*Tel. Basingstoke* (0256) 61881.
*Telex:* 85418 (*Chemserv Bastke*).

**Angus, George, & Co. Ltd.,**
Belting Products Division,
Sloper Road,
Cardiff, CF1 8TD.
*Tel.* 0222 20441.
*Telex:* 497202.

**Anker Gasquet Ltd.,**
4, Snow Hill,
London, E.C.1.
*Tel.* 01-236 0836.

**Apex Construction Ltd.,**
Apex House,
London Road,
Northfleet, Kent, DA11 9NX.
*Tel. Gravesend* 55151.
*T.A.: "Apexstruct Northfleet."*

**Applied Chemicals Ltd.,**
Salisbury Road,
Industrial Estate.
Uxbridge, Middx.
*Tel. Uxbridge* 37151.
*T.A.: "Appchem Uxbridge."*
*Telex:* 24424.

**Arcall Ltd.,**
Restmor Way,
Hackbridge Road,
Hackbridge, Surrey.
*Tel.:* 01-669 0966.

**Ardleigh Laminated Plastics Co. Ltd.,**
Wheaton Road,
Witham, Essex.
*Tel. Rivenhall* 4303.

**Arenco-Alite Ltd.,**
Pixmore Avenue,
Letchworth, Herts.
*Tel. Letchworth* 3965.
*T.A.: "Aral Letchworth."*
*Telex:* 82368 *Aral Letchworth.*

**Arkon Instruments Ltd.,**
Whaddon Works,
Cheltenham, Glos.
*Tel.* 0242 33192
*T.A.: "Instrukemi Cheltenham."*
*Telex:* 43242.

**Artofex Engineering Works Ltd.,**
Great Cambridge Road,
Enfield, Middx., EN1 3RW.
*Tel.* 01-363 8525 & 2112.
*T.A.: "Artofex Enfield."*

**Ascoli Ltd.,**
North Way,
Walworth Industrial Estate,
Andover, Hants., SP10 5BN.
*Tel. Andover* (0264) 63444.
*T.A.: "Cuibon, Andover."*

**Asme Vessels Ltd.,**
Bredgar Road,
Gillingham,
Kent, ME8 6PW.
*Tel. Medway* 35151.
*T.A.: "Eeless, Gillingham, Kent."*
*Telex:* 96351.

**Associated Crates Ltd.,**
Coronation Street,
Stockport, Ches., SK5 7PL.
*Tel.* 061-480 3016.

**Associated Metal Works Glasgow Ltd.,**
St. Andrews Square,
Glasgow, G1 5PJ.
*Tel.* 041-552 2004.
*T.A.: "Stainless Glasgow."*

**Ataroth Ltd.,**
Ataroth House,
37, Marsh Parade,
Newcastle, Staffs, ST5 1BT.
*Tel.: Newcastle, Staffs.* 616206.
*T.A.: " Ataroth."*
*Telex:* 36362.

**Atlas Equipment (London) Ltd.,**
P.O. Box 53,
339, Lordship Lane,
London, N17 6AZ.
*Tel.* 01-801 3195.
*T.A.: " Krysal London Telex."*
*Telex:* 23962.

**Austin Packaging Group Ltd.,**
Power Road,
Bromborough, Wirral, Merseyside,
L62 3NN.
*Tel.* 051-334 4011.
*T.A.: " Austin Pack-Brom."*
*Telex:* 62469.

**Auto Diesels Braby Ltd.,**
Cowley Mill Road,
Uxbridge, Middx., UB8 2QG.
*Tel. Uxbridge* 38262.
*T.A.: " Autodiesel, Uxbridge."*
*Telex:* 263835.

**Automated Packaging Systems Ltd.,**
130, Regent Road,
Bootle, Lancs., L20 4RD.
*Tel.* 051-922 0303.

**Autometric Pumps Ltd.,**
West Kent Wharf,
Waterside,
Maidstone, Kent.
*Tel. Maidstone* 54728.
*T.A.: " Autometric Maidstone."*

**Autopack Ltd.,**
P.O. Box 2,
Malvern, Worcestershire.
*Tel. Malvern* 61651.
*T.A.: " Autopack, Malvern."*
*Telex:* 338214.

**Autoscale Checking Systems Ltd.,**
231, The Vale,
Metrostore Building,
London, W.3.
*Tel.* 01-743 4587.
*Telex:* 935048.

**Auto Wrappers (Norwich) Ltd.,**
Whiffler Road,
Norwich, NR3 2AV.
*Tel.* 0603 49231.
*T.A.: " Autorap, Norwich."*
*Telex:* 97395.

**Avery Parsons,**
Scout Hill,
Dewsbury,
West Yorkshire.
*Tel. Dewsbury* 468317.

**BSS—Distribution Division of British Steam Specialties Ltd.,**
Fleet Street, Lee Circle,
Leicester, LE1 3QQ.
*Tel. Leicester* 23232.
*Telex:* 34589.

**BVC Ltd.,**
Leatherhead, Surrey.
*Tel. Ashtead* 76121.
*T.A.: " Vacuumiser, Leatherhead."*
*Telex:* 28134.

**Babcock & Wilcox (Operations) Ltd.,**
P.O. Box 4,
Oldbury, Warley, Worcs.
*Tel.* 021-552 1595.
*T.A.: " BDP Group Warley."*
*Telex:* 33352.

**Bailey, Sir W. H. & Co. Ltd.,**
Sharp Street,
Worsley, Manchester, M28 5NA.
*Tel.* 061-790 3266.
*T.A.: " Beacon Manchester."*
*Telex:* 669029.

**Baker Perkins Ltd.,**
Westwood Works, Westfield Road,
Peterborough, PE3 6TA.
*Tel. Peterborough* 262000.
*T.A.: " Bakerkins Peterborough."*
*Telex:* 32185.

**Baldock & Pearce Ltd.,**
217, Long Lane,
London, S.E.1.
*Tel.* 01-407 1656.

**Balfour, Henry, & Co. Ltd.,**
Leven, Fife.
*Tel. Leven* 3020.
*T.A.: " Pfaudler Leven, Telex."*
*Telex:* 72304.

**Bambergers Materials Handling Ltd.,**
Berkeley Avenue,
Reading, Berks., RG1 6JH.
*Tel. Reading* (0734) 582582.

**Bancroft Fillers & Appliances Ltd.,**
Henwood Estate,
Hythe Road,
Ashford, Kent,
*Tel. Ashford, Kent* 21661.
*T.A.: " Banfil, Ashford, Kent."*

**Banister Street Works Ltd.,**
62, Southwark Bridge Road,
London, S.E.1.
*Tel.* 01-928 8254.

**Barlow Myers Ltd.,**
Airfield Estate,
Maidenhead, Berks. SL6 3QN.
*Tel. Littlewick Green* (062 882) 2151.
*T.A.: " Myers Maidenhead."*
*Telex:* 848191.

**Barry-Wehmiller Ltd.,**
P.O. Box 13,
Bradley Fold Works,
Bolton, BL2 6RJ.
*Tel. Bolton* 21231.
*T.A.: " Barryweh Bolton."*
*Telex:* 63450.

**Barthes-Roberts Ltd.,**
59, Lant Street,
London, SE1 1QN.
*Tel.* 01-407 2185 & 4702.
*T.A.: " Unfaulty London S.E.*1."

**Bartleet, Norman, Ltd.,**
186 Blythe Road,
London, W14 0HD.
*Tel.* 01-603 7411.
*T.A.: " Norbart London W.*14."
*Telex:* 21515.

**Barwin Engineering Ltd.,**
Western House,
Knutsford Road,
Wilmslow, Cheshire, SK9 6JA.
*Tel. Wilmslow* 22292.
*T.A.: " Barwin Wilmslow."*

**Beam Engineerng Products Ltd.,**
Deptford Terrace,
Deptford,
Sunderland, Co. Durham.
*Tel. Sunderland* 40893.

**Beasley French & Co. Ltd.,**
Hartcliffe Way,
Bedminster,
Bristol, BS3 5RL.
*Tel.* 0272 664283.
*Telex:* 449161.

**Becker Equipment & Lifts Ltd.,**
Ealing Road,
Alperton,
Wembley, Middx., HA0 4PA.
*Tel.* 01-903 0211.
*T.A.: Bexuda, Wembley.*
*Telex:* 923586.

**Becketts Bakery Engineers Ltd.,**
Fir Street,
Heywood, Lancs. 0L10 1NP.
*Tel. Heywood* 60377.
*T.A.: " Beckett, Heywood."*

**Ben Nevis Egg Equipment Ltd.,**
Trowbridge, Wilts.
*Tel. Trowbridge* 2322.
*T.A.: " Graders Trowbridge."*
*Telex:* 44243.

**Bennett Swiftline Ltd.,**
The Avenue,
Rubery,
Birmingham, B45 9AL.
*Tel.* 021-454 5414.
*Telex:* 337950.

**Berendsen, S., Ltd.,**
Berendsen House,
31-33, High Street,
Carshalton, Surrey, SM5 3AZ.
*Tel.* 01-669 5151.
*T.A.: " Berendsen Carshalton Surrey."*
*Telex:* 917089.

**Berkel Auto-Scale Co. Ltd.,**
Northdale House,
North Circular Road,
London, NW10 7TR.
*Tel.* 01-965 5827.
*T.A.: " Autoberkel London N.W.*10."
*Telex:* 935133.

**Berkel & Parnall Ltd.,**
Aden Road,
Enfield, Middx., EN3 7SZ.
*Tel.* 01-804 2001.
*T.A.: " Berkels Phone Enfield."*

**Best Inspection Ltd.,**
231, The Vale,
Metrostore Building,
London, W.3.
*Tel.* 01-743 4587.
*T.A.: " Bestinspec London W.*3."
*Telex:* 935048.

**Beth Label & Wrapper Machines Ltd.**
31/33, Dagmar Road,
London, N4 4PA.
*Tel.* 01-272 2933.
*T.A.: " Labwrap London N.*4."

**Biddle, F. H., Ltd.,**
16, Upper Grosvenor Street,
London, W1X 0BQ.
*Tel.* 01-493 0532.
*T.A.: " Efbiddle London."*

**Biro Food Machinery Ltd.,**
Atlas Road,
Fourth Way,
Wembley, Middx., HA9 0SY.
*Tel.* 01-903 4546.
*Telex:* 27493.

**Bishop, Thomas, Ltd.,**
23/29, Kelvin Avenue,
Glasgow, G52 4LL.
*Tel.* 041-882 1735.
*T.A.: " Galgear Glasgow."*
*Telex:* 778232.

**Bivac Air Co. Ltd.,**
Beehive Works,
Portwood,
Stockport, Cheshire, SK1 2DQ.
*T.A.: " Bivac Stockport."*
*Tel.* 061-480 3468.

**Bizerba Ltd.,**
Sunleigh Road,
Wembley, Middx.
*Tel.* 01-903 1044.

**Blairs Ltd.,**
143, Woodville Street,
Glasgow, G51 2RH.
*Tel.* 041-445 1261.
*T.A.: " Blazon Glasgow."*
*Telex:* 778217.

**Bland International Packaging,**
Bristol Road,
Bridgwater,
Somerset, TA6 4AR.
*Tel. Bridgwater* (0278) 2882.
*T.A.: " Edcel Bridgwater."*

**Bliss, E. W., (England) Ltd.,**
City Road,
Derby, DE1 3RP.
*Tel. Derby* 45801.
*T.A.: " Blissdon Derby."*

**Blundell & Crompton Ltd.,**
West India Dock Road,
London, E14 8HA.
*Tel.* 01-987 6001 & 3838.
*T.A.: " Blundell London E14 8HA."*

**Boc-Linde Refrigeration Ltd.,**
Victoria Road,
Ruislip, Middx. HA4 0NT.
*Tel.* 01-845 9346.
*Telex:* 23705.

**Bog Jorgensen Ltd.**
11, New Conduit Street,
King's Lynn, Norfolk, PE30 1DE.
*Tel.* 0553 4803.
*T.A.: " Jorgensen Kings Lynn."*
*Telex:* 81309.

**Bosch, Robert, Packaging Machinery (U.K.) Ltd.,**
163, Dukes Road,
London, W3 0SY.
*Tel.* 01-992 5084.
*T.A.: " Packbosch London,* W.3."
*Telex:* 934352.

**Bostitch Division of Textron Ltd.**
Station Road,
Edenbridge, Kent.
*Tel. Edenbridge* 3041.

**Boulton, William, Ltd.,**
Providence Engineering Works,
Burslem,
Stoke-on-Trent, Staffs., ST6 3BQ.
*Tel. Stoke-on-Trent* (0782) 85658.
*T.A.: " Boultons Burslem."*
*Telex:* 36166.

**Braby Group Ltd.,**
Ashton Gate Works,
Bristol, BS3 2LQ.
*Tel. Bristol* 664041.
*T.A.: " Braby Bristol."*
*Telex:* 44869.

**Braby Group Ltd.,**
Havelock Works.
Park Lane,
Bootle, Merseyside, L30 4UL.
*Tel.* 051-525 1721.
*T.A.: " Braby, Liverpool."*

**Braby-Llewellins & James Ltd.,**
Ashton Gate Works,
Bristol, BS3 2LQ.
*Tel.* 0272 664041.
*Telex:* 44869.

**Bramigk & Co. Ltd.,**
2a, Towcester Road,
Empson Street,
London, E.3.
*Tel.* 01-987 1051/8.
*Telex:* 897354.

**Bran & Luebbe (Great Britain) Ltd.,**
62, Coventry Road,
Market Harborough,
Leics.
*Tel. Market Harborough* 4246.
*T.A.: " Orthos Market Harborough."*
*Telex:* 34300 *Ortodos Harboro.*

**Bridon Fibres & Plastics Ltd.,**
Teams Factory,
Duniston, Gateshead on Tyne,
NE8 2QY.
*Tel. Dunston* 605061.
*Telex:* 53459.

**Brierley Collier & Hartley Equipment Ltd.,**
Bridgefield Street,
Rochdale, Lancs., OL11 4EX.
*Tel. Rochdale* 44181.
*T.A.: " Bricohar Rochdale."*
*Telex:* 63462.

**Briggs Amasco,**
Suffolk House,
George Street,
Croydon, CR9 1NN.
*Tel.* 01-686 0455.
*Telex:* 28441.

**Brimpex Eccles Co. Ltd.,**
Brimpex Works,
Yorktown Industrial Estate,
Camberley, Surrey.
*Tel. Camberley* 64202.
*T.A.: " Brimpex Camberley, Surrey."*

**Bristol Packaging Machines Ltd.,**
White Street, off Pennywell Road,
Bristol, BS5 0TR.
*Tel. Bristol* 558222.
*Telex:* 449041.

**British Bakels Ltd.,**
238, Bath Road,
Slough, SL1 4DU.
*Tel. Slough* 26261.
*T.A.: " Britbakels Slough."*
*Telex:* 848115.

**British Ceca Co. Ltd.,**
175, Piccadilly,
London, W1V 0DL.
*Tel.* 01-493 5131.
*T.A.: "Acticarbon London W*.1."
*Telex:* 24256.

**British Filters Ltd.,**
Thames Industrial Estate,
Fieldhouse Lane,
Marlow,
Bucks., SL7 1TD.
*Tel. Marlow* 73131.
*T.A.: " Filtersphone Marlow."*

**British Flettner Ventilator & Equipment Co. Ltd.,**
2, Basing Hill,
London, NW11 8TH.
*Tel.* 01-455 7469.
*T.A.: " Flettvent London N.W*.11."

**British Hartford-Fairmont Ltd.,**
Rockware Avenue,
Greenford, Middx., UB6 0AG.
*Tel.* 01-578 0211.
*T.A.: " Brithart Greenford."*
*Telex:* 23397.

**British Miller Hydro Co. Ltd.,**
Buckingham Avenue,
Trading Estate,
Slough, Bucks., SL1 4PJ.
*Tel. Slough* 23238.
*T.A.: " Wiseleo Slough."*

**British Oxygen Co. Ltd.,**
Food Processes Dept.
Raynesway,
Derby, DE2 7BD.
*Tel. Derby* 61455.
*T.A.: " Oxygen Derby."*
*Telex:* 37480.

**British Rema Mfg. Co. Ltd.,**
P.O. Box 31.
Vulcan Road,
Sheffield, S9 5GA.
*Tel. Sheffield* 49054.
*T.A.: " Remaco Sheffield S9 5GA."*
*Telex:* 54115.

**British Rototherm Co.Ltd.,**
Margam,
Nr. Port Talbot,
Glamorgan, South Wales.
*Tel. Kenfig Hill* (0656-740) 551.
*T.A.: " Rototherm Margam."*
*Telex:* 497341.

**British Steel Corporation,**
**General Steels Division,**
Teesside & Workington Group,
P.O. Box 50,
Cargo Fleet Works,
Middlesbrough, Teesside TS3 8BY.
*Tel. Middlesbrough* 46311.
*Telex:* 58351.

**Broadbent, Thomas, & Sons Ltd.,**
Huddersfield, HD1 3EA.
*Tel. Huddersfield* 22111.
*T.A.: " Broadbent, Huddersfield."*
*Telex:* 51515.

**Buell Ltd.,**
George Street Parade,
Birmingham, B3 1QQ.
*Tel.* 021-236 5391.
*T.A.: " Buellon Birmingham."*
*Telex:* 338458.

**Buhler-Miag (England)Ltd.,**
The Wood House,
Games Road, Cockfosters,
Barnet, Herts., EN4 9HL.
*Tel.* 01-440 6511.
*T.A.: " Milexperts Barnet."*
*Telex:* 21805.

**Burgess Engineering Ltd.,**
Madeley,
Nr. Crewe,
Cheshire, CW3 9PF.
*Tel. Stoke-on-Trent* (0782) 750471.
*T.A.: "Nethersett, Crewe."*

**Burnett & Rolfe Ltd.,**
Rochester, Strood, Kent.
*Tel. Medway* 78702.
*T.A.: "Fullyquip—Rochester."*
*Telex:* 96405.

**Butterfield, W. P. (Engineers) Ltd.,**
P.O. Box 38,
Shipley, Yorks.
*Tel. Shipley* 52244.
*T.A.: "Tanks Shipley."*
*Telex:* 51583.

**Butterley Engineering Co. Ltd.,**
Ripley, Derby, DE5 3BQ.
*Tel. Ripley* 2411.
*T.A.: "Adrem Butterley Derby Telex."*
*Telex:* 37508.

**C.P. Equipment Ltd.,**
Mill Green Road,
Mitcham, Surrey.
CR4 4XH.
*Tel.* 01-648 2981.
*T.A.: "Seepyko, Mitcham."*

**Callow Engineering,**
Taylor Street,
Skelmersdale, Lancs.
*Tel. Skelmersdale* 23321.
*T.A.: "Callow Skelmersdale."*
*Telex:* 668747.

**Calmic Engineering Division,**
Wellcome Fdn. Ltd.
Crewe Hall,
Crewe, Cheshire.
*Tel.* 0270 583151.

**Camwheat Pie Machine Co. Ltd.,**
Primrose Place,
Burton Row,
Dewsbury Road,
Leeds, LS11 5NY.
*Tel. Leeds* 705276.
*T.A.: "Camwheat Leeds."*

**Canterbury Conveyors Ltd.,**
Brett House,
Wincheap,
Canterbury, Kent, CT1 3TZ.
*Tel.* 0227 66855.
*T.A.: "Brett Canterbury."*
*Telex:* 965006.

**Capital Controls,**
20, Greens End,
Woolwich,
London, SE18 6JY.
*Tel.* 01-854 0333.

**Carlson-Ford Ltd.,**
Newman Street,
Ashton-under-Lyne, Lancs.
OL6 7DN.
*Tel.* 061-330 3611.
*T.A.: "Carlsfords Ashtn."*
*Telex:* 667796.

**Carmichael & Sons (Worcester) Ltd.,**
Gregory Mill Street,
Worcester, WR3 8BE.
*Tel. Worcester* 21383.
*T.A.: Carmichael Worcester.*
*Telex:* 338039.

**Carrier Engineering Co. Ltd.,**
Carrier House,
Warwick Row,
London, SW1E 5EL.
*Tel.* 01-834 6858.
*T.A.: "Drysys London* S.W.1."
*Telex:* 23581.

**Carrington Packaging Ltd.,**
Vulcan Works,
Nelson, Lancs.
*Tel. Nelson* 66241
*T.A.: "Carripak Nelson."*
*Telex:* 63118.

**Carter Thermal Industries,**
Redhill Road,
Hay Mills,
Birmingham, 25.
*Tel.* 021-772 4300.
*T.A.: "Cartafrig B'ham."*
*Telex:* 339219.

**Chadwick, Cobden Ltd.,**
Century Works,
Havelock Street,
Oldham, Lancs.
*Tel.* 061-652 4131.
*T.A.: "Flexograf, Oldham."*

**Chemineer Ltd.,**
Stores Road,
Derby, DE2 4BE.
*Tel.* 0332 363175.
*Telex:* 37444 *Chemineer.*

**Cherry-Burrell Ltd.,**
Quarry Road,
Newhaven, Sussex.
*Tel. Newhaven* 4381.
*Telex:* 877686.

**Cimex Ltd.,**
Cray Avenue,
Orpington, Kent.
*Tel. Orpington* 26731.
*T.A.: "Cimex Orpington."*
*Telex:* 262904.

**Clark Equipment Ltd.,**
**(Industrial Truck Division),**
Yorktown Works,
Camberley, Surrey.
*Tel. Camberley* 63491.

**Clarke Chapman Ltd.,**
**International Combustion Div.,**
Sinfin Lane,
Derby, DE2 9GJ.
*Tel.* 0332 23223.
*T.A.: "Lopulco Derby."*
*Telex:* 37581.

**Clarke Chapman Ltd.,**
**Thompson Wolverhampton**
**Division,**
Ordnance Unit,
Wolverhampton.
*Tel. Bilston* 41121.
*T.A.: "Boiler, Wolverhampton."*
*Telex:* 33212.

**Clayton, George S., Ltd.,**
Barnaby Works,
Bourne Road,
Bexley, Kent.
*Tel. Crayford* 26715, 27913.
*T.A.: "Arriving Dartford."*

**Cobham, Alan, Engineering Ltd.,**
Blandford, Dorset,
*Tel. Blandford* 2681.
*T.A.: "Cobeng Blandford."*
*Telex:* 41247.

**Collins, Thomas, & Co. (Bristol)**
**Ltd.,**
Midland Terrace,
Fishponds,
Bristol, BS16 3BZ.
*Tel. Bristol* (0272) 655391.

**Collis Mechanical Handling Ltd.,**
Cadoxton,
Barry, Glam.
*Tel. Barry* 4413.

**Colt International Ltd.,**
New Lane,
Havant, Hants., PO9 2LY.
*Tel. Havant* 6411.
*T.A.: "Coltile Havant."*
*Telex:* 86219.

**Columbus-Dixon Ltd.,**
Lancelot Road,
Wembley, HA0 2BH.
*Tel.* 01-902 6001.
*Telex:* 2-2508.

**CompAir Industrial Ltd.,**
Broomwade Works,
P.O. Box 7,
High Wycombe, Bucks.
*Tel. High Wycombe* (0494) 21181.
*T.A.: " Broom High Wycombe."*
*Telex:* 837371.

**Compoflex Co. Ltd.,**
Delph,
nr. Oldham, Lancs, OL3 5DF.
*Tel. Saddleworth* 5511.
*Telex:* 668610.

**Confectionery Developments Ltd.,**
Ebberns Road,
Hemel Hempstead, Herts.,
HP3 9QU.
*Tel. Hemel Hempstead* 3711.
*T.A.: " Confecdev, Hemel Hempstead."*
*Telex:* 825532.

**Coolmota Ltd.,**
6/8, Sterte Avenue,
Poole, Dorset.
*Tel. Poole* 4411.

**Coombs, H. A., Ltd.,**
Plas-Ties Division,
Calne, Wilts.
*Tel. Calne* (0249-81) 2771.
*Telex:* 44672 Coombs Calne.

**Cornwell Products Ltd.,**
57-61, Mortimer Street,
London, W1N 8QN.
*Tel.* 01-580 5025.
*T.A.: " Atomniro London."*
*Telex:* 263533.

**Coupe, Clifford, Ltd.,**
Gough House, Eden Street,
Kingston-upon-Thames.
*Tel.* 01-549 2181.
*T.A.: " Clifcoupe Kingstonuponthames."*

**Coventry Climax Engines Ltd.,**
Widdrington Road,
Coventry, CV1 4DX
*Tel. Coventry* 24100.
*T.A.: " Climax Coventry Telex."*
*Telex:* 31632.

**Cox Ovenbuilders Ltd.,**
1 Newbold Terrace,
Leamington Spa, Warwickshire,
CV32 4EA.
*Tel. Leamington* 21456.
*Telex:* 311113.

**Croda Polymers Group Ltd.,**
153, New Bedford Road,
Luton, LU3 1LQ.
*Tel. Luton* 31151.
*T.A.: " Crodapol Luton."*
*Telex:* 82265.

**Crollie, J., & Son Ltd.,**
Pollyte Works,
Wantz Road,
Dagenham, Essex.
*Tel.* 01-592 2244.
*T.A.: " Crollie Dagenham."*

**Crompton Parkinson Ltd.,**
50/52, Marefair,
Northampton, NN1 1NY.
*Tel.* 0604 30201.
*Telex:* 31364.

**Crypto-Peerless Ltd.,**
North Circular Road,
London, N.W.10.
*Tel.* 01-965 5611.
*T.A.: " Cryptomac.'*

**Custance, J. C., & Co. Ltd.,**
Granville Works,
Brettenham Road,
London, N.18.
*Tel.* 01-803 4748.
*T.A.: " Crestabake, London,* N.18.

**DCA Industries Ltd.,**
Gatehouse Road,
Aylesbury, Bucks.
*Tel. Aylesbury* 3691.
*T.A.: " Britdohnut Aylesbury."*

**Dairy Pipe Lines Ltd.,**
Templefields,
Harlow, Essex.
*Tel. Harlow* 24112.

**Dairy Supply Co.,**
(Wincanton Engineering Ltd.),
Whitby Avenue,
London, N.W.10.
*Tel.* 01-965 4601.
*T.A.: " Dairysupply London N.W.*10."

**Danks of Netherton Ltd.,**
Halesowen Road,
Netherton,
Dudley, Worcs. DY2 9PG.
*Tel. Cradley Heath* (0384) 66417.
*T.A.: " Danks Dudley."*
*Telex:* 338922.

**Davidson & Co. Ltd.,**
Sirocco Engineering Works,
Bridge End,
Belfast, BT5 4AG, N. Ireland.
*Tel. Belfast* 57251 & 58266.
*T.A.: " Sirocco Belfast."*
*Telex:* 74693.

**Davies, Pritchard & Richmond Ltd.,**
Banks Lane,
Liverpool Airport, L24 8QR.
*Tel.* 051-427 6471.
*Telex:* 62446.

**Davy Instruments Ltd.,**
Darnall Works,
Sheffield, S9 4FA.
*Tel. Sheffield* 49922.
*T.A.: " Duins Sheffield Telex."*
*Telex:* 54512.

**Dawson McDonald & Dawson, Ltd.,**
Compton Works,
Ashbourne, Derbys.
*Tel. Ashbourne* 3184.
*Telex:* 377072.

**Dexion Group of Companies,**
Dexion House,
P.O. Box 7, Empire Way,
Wembley, Middx. HA9 0JW.
*Tel.* 01-902 1281.
*T.A.: " Dexionpark Wembley."*
*Telex:* 261734.

**Dico Packaging Engineers Ltd.,**
Merrow,
Guildford,
Surrey, GU4 7BX.
*Tel. Guildford* 60677.
*T.A.: " Dicomat, Guildford."*

**Doboy Ltd.,**
Lyon Way,
Hatfield Road,
St. Albans, Herts. AL4 0LE.
*Tel. St. Albans* 50667.
*Telex:* 265646.

**Domnick Hunter Engineers Ltd.,**
Durham Road,
Birtley,
Co. Durham.
*Tel. Birtley* 5121.
*Telex:* 537282.

**Douglas-Rownson Ltd.,**
Daneshill West Industrial Estate,
Basingstoke, Hants.
*Tel. Basingstoke* 3262.
*T.A.: " Dougrown Bastoke."*
*Telex:* 85101.

**Drayton Controls Ltd.,**
Horton Road, Yiewsley,
West Drayton, Middx., UB7 8JW.
*Tel. West Drayton* 44012.
*T.A.: " Dracon West Drayton."*
*Telex:* 23337.

**Dresser Europe S.A.,**
Dresser Manufacturing Division,
Western Road,
Bracknell, Berks., RG12 1RJ.
*Tel. Bracknell* 3100.
*T.A.: " Waynoil—Bracknell—Telex."*
*Telex:* 848136.

**Driver Southall Ltd.,**
Villa Street,
Hockley, Birmingham, B19 1PY.
*Tel.* 021-523 6413.
*T.A.: " Fulcrum Birmingham."*
*Telex:* 338186.

**Duckworth, Caleb, Ltd.,**
Phillips Lane,
Colne, Lancs., BB8 9PJ.
*Tel. Colne* (02824) 4242.
*T.A.· " Colunio, Colne."*

**Dunlop Ltd.,**
Industrial Hose Division,
Walker,
Newcastle upon Tyne, NE6 2TY.
*Tel. Newcastle* 656121.
*Telex:* 537444.

**Durapipe & Lamberts Sales Ltd.,**
Norton Canes,
Cannock,
Staffs., WS11 3NS.
*Tel. Heath Hayes* 79909.
*Telex:* 339745.

**Dust Control Equipment Ltd.,**
Thurmaston, Leicester, LE4 8HP,
*Tel. Syston* (0537-23) 3333.
*T.A.: " Dust Leicester."*
*Telex:* 34500.

**Ease-E-Load Trolleys Ltd.,**
Crown Works,
Baltimore Road,
Birmingham, B42 1DP.
*Tel.* 021-356 7411.

**Eaton Ltd.,**
**Materials Handling Division,**
Halesfield Industrial Estate,
Telford,
Shropshire, TF7 4LA.
*Tel. Telford* 585413.
*Telex:* 35152.

**Edlon Machinery Ltd.,**
Edlon House,
Barter Street,
London, WC1A 2AE.
*Tel.* 01-242 8111.
*T.A.: " Edlonmach London."*
*Telex:* 262538

**Edmonds, P. J., Ltd.,**
Itchen Abbas,
nr. Winchester.
Hants.
*Tel. Itchen Abbas* 322.

**Edwards, F. J., Ltd.,**
23-25, Sunbeam Road,
London, NW10 6JP.
*Tel.* 01-965 0655.
*T.A.: " Bescotools London* NW10."
*Telex:* 922569 *A/B Bescotools-London.*

**Edwards High Vacuum,**
**A Division of the British Oxygen Co. Ltd.,**
Manor Royal,
Crawley, West Sussex, RH10 2LW.
*Tel. Crawley* 28844.
*T.A.: " Edhivac Crawley Telex."*
*Telex:* 87123.

**Electrolux (Commercial Equipment) Ltd.,**
Luton, Beds, LU4 9QE.
*Tel. Luton* 53255.

**Electromagnets Ltd.,**
Boxmag Works,
Bond Street,
Birmingham, B19 3LA.
*Tel. Birmingham* 021-236 9071.
*T.A.: " Boxmag B'ham."*
*Telex:* 339192.

**Electropower Gears Ltd.,**
Aylesbury, Bucks.
*Tel. Aylesbury* 4711.
*T.A.: " Lektropowa Aylesbury."*
*Telex:* 83169.

**Electrothermal Engineering Ltd.,**
270, Neville Road,
London, E7 9QN.
*Tel.* 01-472 9911.
*T.A.: "Electrotop London."*
*Telex:* 24176.

**Elga Products Ltd.,**
Lane End,
Nr. High Wycombe,
Buckinghamshire, HP14 3JH.
*Tel. High Wycombe* (0494) 881393.
*T.A.: "Elgamatics, High Wycombe."*
*Telex:* 83516.

**Emco Wheaton U.K. Ltd.,**
Westwood,
Margate, Kent.
*Tel. Thanet* 21521.
*T.A.: "Emco Margate."*
*Telex:* 96156.

**Emhart (U.K.) Ltd.,**
Crompton Road,
Doncaster, South Yorkshire,
DN2 4PL.
*Tel. Doncaster* 69101.
*T.A.: "Emhart Doncaster."*
*Telex:* 547136.

**Emmerich (London) Ltd.,**
Nora House,
Station Estate, South Woodford,
London, E18 1BY.
*Tel.* 01-530 2053/4.
*T.A.: "Femrich London E.*18."

**Endecotts Ltd.,**
Lombard Road,
London, SW19 3UP.
*Tel.* 01-542 8121.
*T.A.: "Endtesiv London* SW19."

**Engelmann & Buckham Ltd.,**
William Curtis House,
Alton, Hants.
*Tel. Alton* 82421.

**Engineering Developments (Farnborough) Ltd.,**
Eelmoor Road,
Farnborough, Hants.
*Tel. Farnborough* 47171.
*Telex:* 85652.

**Erben, H., Ltd.,**
Hadleigh,
Ipswich, IP7 6AS.
*Tel.* 0473-38 3011.
*Telex:* 98332.

**Eureka Engineering Co. Ltd.,**
Grove Works,
Rushmore Hill,
Pratts Bottom,
Orpington, Kent.
*Tel. Farnborough (Kent)* 56761.

**Europack Engineering Co. Ltd.,**
Common Lane North,
Beccles, Suffolk.
*Tel. Beccles* 713162.
*Telex:* 975247 *Chamcon (Europack) Norwich.*

**Ewart Chainbelt Co. Ltd.,**
Derby, DE3 8LX.
*Tel. Derby* (0332) 45451.
*Telex:* 37575 *Leysewart Derby*

**F. & C. Engineering Works Ltd.,**
Brent Terrace,
London, N.W.2.
*Tel.* 01-452 0111 & 0080.

**FMC Corporation (U.K.) Ltd.,**
(Varley-FMC Limited),
Holt Road,
Fakenham, Norfolk.
*Tel.* 3211.
*Telex:* 81464.

**Fagersta Steels Ltd.,**
Kinwarton Farm Road,
Alcester, Warwicks.
*Tel. Alcester* 2781.
*Telex:* 31426.

**Fairest, Morgan, Ltd.,**
**Fairway Works,**
Carlisle Street, Sheffield, S4 7LP.
*Tel. Sheffield* 28751.
*T.A.: " Fairway Sheffield."*
*Telex:* 54230 *Sheffield.*

**Fairfax Engineering Ltd.,**
5 & 6, Regency Parade,
London, N.W.3.
*Tel.* 01-722 7646/7.
*T.A.: " Fairminz London."*

**Farrar, James, (Brushes) Ltd.,**
151, Spring Hall Lane,
Halifax.
*Tel. Halifax* 61072.
*T.A.: " Brush Hx."*

**Ferranti Ltd.,**
Hollinwood,
Lancs. OL9 7JS.
*Tel.* 061-681 2000.
*Telex:* 667044.

**Fielden Electronics Ltd.,**
P.O. Box 6,
Paston Road, Wythenshawe,
Manchester, M22 4TX.
*Tel.* 061-998 3251.
*T.A.: " Fielden Manchester."*
*Telex:* 667831.

**Filling Machines Ltd.,**
Hillington Industrial Estate,
Glasgow, S.W.2.
*Tel.* 041-882 1715.
*T.A: " Pakafil, Glasgow."*

**Film Cooling Towers (1925) Ltd.,**
Chancery House,
Parkshot,
Richmond, Surrey.
*Tel.* 01-940 6494.
*T.A.: " Aloof Richmond Surrey."*
*Telex:* 27451.

**Fischer & Porter Ltd.,**
Salterbeck Trading Estate,
Workington, Cumberland.
*Tel. Harrington* (0946) 830611.
*T.A.: " Saltfisch Harrington."*
*Telex:* 64114.

**Flexile Ltd.,**
Bessemer Drive,
Stevenage, Herts. SG1 2DU.
*Tel. Stevenage* 51491.
*Telex:* 82169.

**Flower Faraday Ltd.,**
Eclipse Works,
Wimborne, Dorset.
*Tel. Wimborne* 2251.
*T.A.: " Flower Wimborne."*

**Fluid Transfer Ltd.,**
Griffin Mill Estate,
Thrupp,
Stroud, Glos.
*Tel. Brimscombe* 2209.
*Telex:* 43401 *Fluid Trans Strd.*

**Follsain-Wycliffe Foundries Ltd.,**
Lutterworth, near Rugby,
*Tel. Lutterworth* 3551.
*T.A.: " Wycliffe Lutterworth."*
*Telex:* 34511.

**Food Process Installations (Anglia) Ltd.,**
North Lynn Industrial Estate,
King's Lynn, Norfolk.
*Tel. King's Lynn* (0553) 64351.

**Foodtech Ltd.,**
Foodtech House,
73/75, High Street,
London, N8 7QW.
*Tel.* 01-348 4545.
*T.A.: " Foodtech Norphone N.8."*
*Telex:* 24124 *Foodtech London.*

**Forbes, Kenneth, (Plastics) Ltd.,**
Denver,
Downham Market, Norfolk.
*Tel. Downham Market* 3088.
*T.A.: " Forbes Denver."*
*Telex:* 81346.

**Fords (Finsbury) Ltd.,**
Chantry Avenue,
Kempston, Bedford, MK42 7RS.
*Tel. Bedford* (0234) 852365.
*T.A.: " Fords Telex Bedford."*
*Telex:* 82102.

**Formost Packaging Machines Ltd.,**
St. Edmunds Works,
Fishergate,
Norwich, NOR 32P.
*Tel. Norwich* 21358.
*T.A.: "Formost Norwich."*
*Telex:* 975075.

**Foster Cambridge Ltd.,**
Sydney Road,
Muswell Hill, London, N10 2NA.
*Tel.* 01-883 0071.
*T.A.: "Isometrope, London, N.*10.
*Telex:* 25167.

**Foster Wheeler John Brown Boilers Ltd.,**
Greater London House,
Hampstead Road,
London, NW1 7QN.
*Tel.* 01-388 1212.
*T.A.: "Rewopsteam London."*
*Telex:* 263984.

**Fourways (Engineers) Ltd.,**
Stour Vale Works,
Stour Vale Road,
Lye, Worcs.
*Tel. Lye* 3461.

**Foxboro-Yoxall Ltd.,**
Redhill, Surrey RH1 2HL.
*Tel. Redhill* 65000.
*T.A.: "Yoxbri Redhill Surrey."*
*Telex:* 25560.

**Fraser, John, & Son Ltd.,**
Chestergate House,
Vauxhall Bridge Road,
London, SW1V 1HE.
*Tel.* 01-834 1865.
*Telex:* 25485.

**Freeman Taylor Ltd.,**
Necton Street,
Syston, Leicester.
*Tel. Syston* 3301.
*T.A.: "Dyemac Leicester."*

**Frigoscandia Ltd.,**
Scania House,
Amwell Street,
Hoddesden, Herts.
*Tel. Hoddesdon* 67131.
*Telex:* 22835.

**G.A.L. Products Ltd.,**
Clyde Works,
Ounsdale Road,
Wombourne,
Staffs., WV5 8BZ.
*Tel. Wombourne* 2438.

**GEC Diesels Ltd.,**
Vulcan Works,
Newton-le-Willows, WA12 8RU.
*Tel. Newton-le-Willows* (09252) 5151.
*Telex:* 62366.

**GEC-Elliott Control Valves Ltd.,**
Airport Works,
Rochester, Kent, ME1 2XX.
*Tel. Medway* 44400.
*T.A.: "Elliotauto Rochester."*
*Telex:* 96333.

**GEC-Elliott Mechanical Handling Ltd.,**
Bulk Handling Division,
Spencer Works,
Melksham, Wilts.
*Tel. Melksham* 02215 702732.
*Telex:* 44392

**GEC-Elliott Process Automation Ltd.,**
New Parks,
Leicester, LE3 1UF.
*Tel. Leicester* (0533) 871331.
*T.A.: "Assocelect Leicester."*
*Telex:* 34551.

**GEC-Elliott Process Instruments Ltd.,**
Century Works,
Conington Road,
Lewisham, London, SE13 7LN.
*Tel.* 01-692 1271.
*T.A.: "Elliotauto London, S.E.*13."
*Telex:* 22469.

**Gardner, John, & Son,**
1-7 Factory Road,
Tipton, Staffs.
*Tel.* 021-557 3305.

**Gardners of Gloucester Ltd.**
(A Member of the Babcock & Wilcox Group),
Winglos House,
Bristol Road,
Gloucester.
*Tel. Gloucester* 24087.
*Telex:* 43179.

**Gascoigne Gush & Dent (Industrial) Ltd.**
Berkeley Avenue,
Reading, Berks., RG1 6JW.
*Tel. Reading* 586021.
*T.A.: " Keklamps Reading."*
*Telex:* 847531.

**General Engineering Co. (Radcliffe) Ltd.,**
Station Works,
Bury Road,
Radcliffe, Manchester, M26 9UR.
*Tel.* 061-723 3271.
*Telex:* 667200.

**Gerrard Industries Ltd.,**
Kilnhurst,
Rotherham,
Yorks, S62 5SX.
*Tel. Mexborough* 4611.
*T.A.: " Sunniest R'tham Telex."*
*Telex:* 547062.

**Gilbert, G. & R., Ltd.,**
Restmor Way,
Hackbridge Road,
Hackbridge, Surrey, SM6 7AL.
*Tel.* 01-669 1173.
*Telex:* 24224.

**Gilwrap Ltd.,**
Restmor Way,
Hackbridge Road,
Hackbridge, Surrey, SM6 7AL.
*Tel.* 01-669 1177.
*Telex:* 24224.

**Gimson & Co. (Leicester) Ltd.,**
Vulcan Road,
Leicester.
*Tel. Leicester* 27272.
*T.A.: " Gimson Leicester."*
*Telex:* 341513.

**Girdlestone Pumps Ltd.,**
Melton,
Woodbridge, Suffolk, IP12 1ER.
*Tel. Woodbridge* 3301.
*T.A.: " Gircopump Woodbridge."*
*Telex:* 98461.

**Giusti, T., & Son Ltd.,**
202/228, York Way,
London, N7 9AW.
*Tel.* 01-607 5021.
*T.A.: " Giustison London."*
*Telex:* 22592.

**Goodyear Tyre & Rubber Co. (Great Britain) Ltd.,**
P.O. Box 10,
70, Silverwood Road,
Craigavon,
Co. Armagh, BT66 6LA.
*Tel. Craigavon* 41111.
*T.A.: " Gotyruco Co. Armagh."*
*Telex:* 74465.

**Gordian Strapping Ltd.,**
Gordian House,
Browells Lane,
Feltham,
Middx. TW13 7EH.
*Tel.* 01-890 3383.
*T.A.: " Hiten Hounslow."*
*Telex:* 934912.

**Goring Kerr Ltd.,**
Hanover Way,
Vale Road,
Windsor, Berks.
*Tel. Windsor* 69351 (*6 lines*)
*T.A.: " Metlokate Windsor."*
*Telex:* 847961.

**Gosheron, John, & Co. Ltd.,**
The Packaging and Industrial
Tape Centre,
58/60, Kensington Church Street,
London, W.8.
*Tel.* 01-937 8011.
*T.A.: " Gosheronic, W.8."*
*Telex:* 936593.

**Gough & Co. (Hanley) Ltd.,**
Clough Street,
Hanley,
Stoke-on-Trent.
*Tel. Stoke-on-Trent* 24401.
*T.A.: " Conelift Stoke-on-Trent."*
*Telex: Goughecon Stoke* 36483.

**Grace, W. R., Ltd.,**
Northdale House,
North Circular Road,
London, NW10 7UH.
*Tel.* 01-965 0611.
*T.A.: Graceng London."*
*Telex:* 25139.

**Grantham Electrical Eng. Co. Ltd.,**
Harlaxton Road,
Grantham, Lincs.
*Tel. Grantham* 2691.
*Telex:* 37-630.

**Grant, Lewis C., Ltd.,**
Dunnikier Foundry,
Dysart, Fife.
*Tel. Dysart* 5340.
*T.A.: " Douglas Kirkcaldy."*

**Gravfil Machines Ltd.,**
19/21, Chapel Road,
London, SE27 0TU.
*Tel.* 01-761 1481.
*T.A.: " Gravfil London SE27."*
*Telex:* 917339.

**Greaves, Joshua, & Sons Ltd.,**
Atlas Engineering Works,
P.O. Box 2,
Ramsbottom,
Bury, Lancs.
*Tel. Ramsbottom* 4191.

**Greening, N., (Warrington) Ltd.**
Britannia Works,
Warrington, WA5 5JX.
*Tel. Warrington* (0925) 35991.
*Telex:* 62195.
*T.A.: " Greenings Warrington."*

**Greer, J. W., Co. Ltd.,**
3-5, Tribune Drive,
Trinity Trading Estate,
Sittingbourne, Kent, ME10 2PS.
*Tel.* 0795 70742.
*T.A.: " Greerfact Sittingbourne."*
*Telex:* 96322.

**Grenco Engineering & Contracting Ltd.,**
High Street,
Old Woking, Surrey.
*Tel. Woking* 5301.
*T.A.: " Grencold Woking."*
*Telex:* 85127.

**Grundy (Teddington) Ltd.,**
Somerset Road,
Teddington, Middx., TW11 8TD.
*Tel.* 01-977 1171.
*Telex:* 929728 *Grundy Tedd.*

**Gunson's Sortex Ltd.,**
Fairfield Road.
London, E3 2QQ.
*Tel.* 01-980 6041.
*T.A.: " Sorteye London."*
*Telex:* 262773.

**Guylew Manufacturing Co. Ltd.,**
Riverside Works,
Gorleston, Gt. Yarmouth.
*Tel. Great Yarmouth* 62582.

**HTI Engineering,**
Division of Hall-Thermotank International Ltd.,
Dartford, Kent.
*Tel. Dartford* 23456.
*T.A.: "Hallford Telex Dartford."*
*Telex:* 25594.

**Habasit (Great Britain) Ltd.,**
Law Place,
Nerston,
East Kilbride, Glasgow.
*Tel. East Kilbride* 36111.
*Telex:* 77742.

**Hambro Machinery Ltd.,**
Wright Street,
Nottingham, NG4 2PF.
*Tel.* 241921.
*Telex:* 377421.

**Hamilton, James, & Sons,**
522, Gallowgate, Glasgow, S.E.
*Tel.* 041-554 2837.

**Handy Angle,**
Link House,
Uxbridge Road,
Hayes End, Middx.
*Tel.* 01-573 7700.
*T.A.: "Handi Hayes Middx."*
*Telex:* 27887.

**Hanovia Lamps Ltd.,**
Bath Road,
Slough, Bucks. SL1 6BL.
*Tel. Burnham* 4041.
*T.A.: "Hanovia Slough."*
*Telex:* 848123.

**Hänsel, Otto, Machinery Ltd.,**
6f, Cathedral Square,
Peterborough, PE1 1XH,
Northants.
*Tel. Peterborough* 60911.
*Telex:* 32313.

**Harbilt Electric Trucks & Vehicles,**
Harbilt Works,
Market Harborough, Leics.
LE16 9AT.
*Tel. Market Harborough* 2254
*Telex:* 34431 *Harcon Harborough.*

**Hardaker, John T., (Food Machinery) Ltd.,**
Bowling Ironworks,
Bowling Back Lane,
Bradford 4, Yorks.
*Tel. Bradford* 22629.

**Harley Hinds Ltd.,**
19-21, Chapel Road,
London, SE27 0TU.
*Tel.* 01-761 1481.

**Hart, W. J. & Sons (London) Ltd.,**
212-214, Putney Bridge Road,
London, SW15 2NF.
*Tel.* 01-788 9295.
*T.A.: "Wilhartson, London, S.W.15."*
*Telex:* 27105.

**Haworth, F., (A.R.C.) Ltd.,**
Kenyon Street,
Irwell Chemical Works,
Ramsbottom, Lancs.
*Tel. Ramsbottom* 2557.

**Heather Filters Ltd.,**
Rosemount Tower,
*Wallington, Surrey,* SM6 8RX.
*Tel.* 01-647 2071.
*T.A.: "Airfilter, Wallington, Surrey."*

**Helifit Engineering Ltd.,**
Fisher Street,
Dudley Port,
Tipton, Staffs.
*Tel.* 021-557 8151.

**Herbert & Sons Ltd.,**
Rookwood Way,
Haverhill, Suffolk.
*Tel.* 0440 3551.

**Heston Equipment Co. Ltd.,**
Airport Works,
Green Lane,
Hounslow, Middx.
*Tel.* 01-570 7363.
*Telex:* 21625.

**Hill & Dolman (Engs.) Ltd.,**
1a, Sayer Street,
Norwich, Norfolk.
*Tel. Norwich* 20906.

**Hill, Thomas, Engineering Co. (Hull) Ltd.,**
247/249, Beverley Road,
Hull, Yorks., HU5 2UU.
*Tel.* 0482 43297.
*T.A.: "Sterilize Hull."*
*Telex:* 527277.

**Hi-Reach Trucks Ltd.,**
176, Fletchampstead Highway,
Coventry, Warwicks.
*Tel. Coventry* 73656.

**Hiron & Rempler Ltd.,**
24, Hollands Road,
Haverhill, Suffolk.
*Tel. Haverhill* (0440) 2374.

**Hobart Manufacturing Co. Ltd.,**
Hobart Corner,
London, N11 1QW.
*Tel.* 01-368 1211.
*T.A.: "Hobelec London N.*11."
*Telex:* "264907 *Hobart London.*"

**Holden & Brooke Ltd.,**
Sirius Works,
West Gorton,
Manchester, M12 5JL.
*Tel.* 061-273 8262.
*T.A.: "Influx Manchester."*
*Telex:* 667318.

**Holland, Peter (Food Machinery) Ltd.,**
St. Peter's Hill,
Stamford, Lincolnshire, PE9 2PE.
*Tel. Stamford* 2667.
*T.A.: "Holmach Stamford."*
*Telex:* 32274.

**Holmes, W. C., & Co. Ltd.,**
Turnbridge, Huddersfield.
*Tel. Huddersfield* (0484) 22222.
*Telex:* 51306.

**Holroyd Food Machinery Ltd.,**
Cambria Works,
Coombend, Radstock,
Bath, Somerset, BA3 3AS.
*Tel. Radstock* (07613) 3393.

**Honeywell Ltd.,**
Charles Square,
Bracknell, Berks.
*Tel. Bracknell* 24555.
*Telex:* 847064.

**Hopkinsons Ltd.,**
Britannia Works,
P.O. Box B27,
Huddersfield, HD2 2UR.
*Tel. Huddersfield* 22171.
*Telex:* 51682.

**Howard Pneumatic Engineering Co. Ltd.,**
Fort Road,
Eastbourne, Sussex.
*Tel. Eastbourne* 22804.
*Telex:* 87672.

**Howe Richardson Scale Co. Ltd.,**
Bestwood Estate,
Nottingham, NG5 5HD.
*Tel. Nottingham* 68181.
*Telex:* 37625.

**Humidified Air Co.,**
382, St. John Street,
London, EC1V 4NN.
*Tel.* 01-278 9974.

**Hunt, John, (Bolton) Ltd.,**
Alma Works, Rasbottom Street,
Derby Street,
Bolton, Lancs.
*Tel. Bolton* 21831.

**Hunter, G., (London) Ltd.,**
Gumley Road,
Grays, Essex, RM16 1XT.
*Tel. Grays Thurrock* 5155.
*T.A.: " Hunter Grays."*
*Telex:* 28747.

**Hunter, Thomas, Ltd.,**
Omnia Works,
Mill Road,
Rugby, Warwicks.
*Tel. Rugby* 2011.
*T.A.: " Hunter Rugby."*
*Telex:* 31321.

**Hunting Electrocontrols Ltd.,**
Dallas Road,
Bedford.
*Tel. Bedford* 60181.
*T.A.: " Huneng Ampthill."*
*Telex:* 82105.

**Hydrovane Compressor Co. Ltd.,**
Claybrook Drive,
Washford Industrial Estate,
Redditch, Worcs.
*Tel. Redditch* 25522.
*Telex:* 339843.

**Hygrotherm Engineering Ltd.,**
Botanical House,
1, Botanical Avenue,
Talbot Road,
Manchester, M16 0HL.
*Tel.* 061-872 6861.
*Telex:* 668703.

**ICI Agricultural Division,**
P.O. Box 1,
Billingham, Cleveland, TS23 1LB.
*Tel. Stockton-on-Tees* (0642) 553601.
*T.A.: " Ammonia Telex Stockton-on-Tees."*
*Telex:* 58443 *Iciag* 1 *Stktn.*

**I.D. Packaging Ltd.,**
Queens Works,
New Hall Street,
Burnley, Lancs., BB10 1PJ.
*Tel. Burnley* (0282) 21051.
*T.A.: " Packaging Brnly."*
*Telex:* 63488.

**I. & P. Chemical Engineers Ltd.,**
St. Mary's Engineering Works,
Tunstall,
Stoke-on-Trent, ST6 4PS.
*Tel.* 0782 86272.
*Telex:* 36285.

**ITC Systems,**
Cole Avenue,
Gloucester, GL2 6EL.
*Tel.* (0452) 36612.
*Telex: (ITC Sel Gloster)* 43408.

**ITT Fluid Handling Ltd.,**
Belcon Industrial Estate,
Essex Road,
Hoddesdon, Herts.
*Tel. Hoddesdon* 67191.
*T.A.: " Jabsco, Hoddesdon."*
*Telex:* 263251.

**ITT Flygt Pumps Ltd.,**
Colwick,
Nottingham, NG4 2AN.
*Tel. Nottingham* 241321.
*T.A.: " Induspump Nottm."*
*Telex:* 37316.

**Ideal Capsules Ltd.,**
Edinburgh Avenue,
Slough, Berks.
*Tel. Slough* 22251.
*T.A.: " Iseal Slough."*

**Improvair Ltd.,**
Heathrow House,
Springfield Road,
Hayes, Middx.
*Tel.* 01-848 4541.
*T.A.: " Improvair, Hayes."*
*Telex:* 265558.

**Industrial Magnets Ltd.,**
Unimag Works,
Enfield Industrial Estate,
Redditch, Worcs.
*Tel. Redditch* 66611.
*T.A.: Unimag Redditch."*

**Industrial Vac-Air Ltd.,**
Dallow Road,
Luton, Beds., LU1 1ST.
*Tel. Luton* 30193.

**Inpac Automation Ltd.,**
Uxbridge Road,
Southall, Middx.
*Tel.* 01-574 3673.
*T.A.: " Inpac-Southall."*
*Telex:* 935560.

**Instron Ltd.,**
Coronation Road,
High Wycombe, Bucks.,
HP12 3SY.
*Tel. High Wycombe* 33333.
*Telex:* 83222.

**Interfood Technology Ltd.,**
Industrial Estate,
Harefield Road,
Rickmansworth,
Herts., WD3 1PQ.
*Tel. Rickmansworth* 78466.

**Intertherm Ltd.,**
Blenheim Gardens.
London, SW2 5EY.
*Tel.* 01-674 9531.
*T.A.: " Hiheat, London, S.W.2."*
*Telex:* 927048.

**Invicta Sheet Metal Co. Ltd.**
(Incorporating E. Cruise & Son),
Standfield Hall,
West Carr Road,
Pickering, N. Yorks.
*Tel. Pickering* 3483.

**Isopad Ltd.,**
Barnet By-Pass,
Boreham Wood, Herts, WD6 2AF.
*Tel.* 01-953 2817.
*T.A.: " Isopad Borehamwood."*
*Telex:* 261761.

**Ivers-Lee (G.B.) Ltd.,**
Cordwallis Estate,
Cookham Road,
Maidenhead, Berks.
*Tel. Maidenhead* 32711.
*T.A.: " Saniseal Maidenhead."*

**Iwel Engineering Ltd.,**
64, Essex Road, Islington,
London N1 8LR.
*Tel.* 01-226 3344.
*T.A.: " Turbinism London, N.*1."
*Telex:* 21402.

**Jackson, J. G., & Crockatt Ltd.,**
60-64, Darnley Street,
Glasgow, S.1.
*Tel.* 041-429 2861.
*T.A.: Crockatt Glasgow."*

**Jackstone Froster Ltd.,**
218, Victoria Street,
Grimsby, Lincs. DN31 1PL.
*Tel. Grimsby* (0472) 50561.
*T.A.: " Jackstone Grimsby."*
*Telex:* 52408.

**Jahn, F., & Co. Ltd.,**
34, York Way, London, N1 9AB.
*Tel.* 01-837 7792.
*T.A.: " Maskiner London."*
*Telex:* 24265.

**Jahn (Huntingdon) Ltd.,**
St. Peters Road,
Huntingdon, Cambs. PE18 7EW.
*Tel. Huntingdon* 52471.
*Telex:* 32531.

**Jahn (Maskiner) Ltd.,**
34, York Way,
London, N1 9AB.
*Tel.* 01-837 4377.
*T.A.: " Maskiner London."*
*Telex:* 24265.

**Jenkins of Retford Ltd.,**
Retford, Notts., DN22 7AN.
*Tel. Retford* 2231.
*T.A.: " Jenkins Retford."*
*Telex:* 56122.

**Jobling, James A., & Co. Ltd.,**
Process Plant Division,
Newstead Industrial Estate,
Trentham, Stoke-on-Trent,
ST4 8JG.
*Tel.* 0782 658521.
*T.A.: "Jobling Stoke-on-Trent."*
*Telex:* 36120.

**Johnson, A., & Co. (London), Ltd.,**
Molly Millars Lane,
Wokingham, Berks., RG11 2PU.
*Tel. Wokingham* 783838.
*T.A. "Agenticum Wokingham Telex."*
*Telex:* 848164.

**Johnson, Fred (Machinery) Ltd.,**
First Avenue,
Weston Road,
Crewe, Cheshire.
*Tel.* 0270 582455.
*T.A.: "Sultana Crewe."*

**Johnson Progress Ltd.,**
Leek New Road,
Cobridge,
Stoke-on-Trent, Staffs.
*Tel. Stoke-on-Trent* 21471.

**Jonge Poerink (U.K.) Ltd.,**
Northway House,
High Road,
Whetstone, London, N20 9PA.
*Tel.* 01-445 1135.
*Telex:* 261997.

**Kane, Frederick C., Ltd.,**
Kanepack Works,
Aintree Road,
Perivale, Middx.
*Tel.* 01-998 4404.
*T.A.: "Kanepack Greenford Middx."*

**Kappa Janes Ltd.,**
27, Stewart Avenue,
Shepperton, Middx.
*Tel. Chertsey* (09328) 62772.
*T.A.: "Kapjan Shepperton."*

**Kek Ltd.,**
Hulley Road,
Hurdsfield Industrial Estate,
Macclesfield, Cheshire, SK10 2ND.
*Tel. Macclesfield* 28733.
*T.A.: "Kekgrind, Macclesfield."*
*Telex:* 668623.

**Kelvinator Ltd.,**
New Chester Road,
Bromborough, Wirral,
Merseyside, L62 3PE.
*Tel.* 051-334 2781.

**Kempner, S., Ltd.,**
80, Junction Road,
London, N.19.
*Tel.* 01-272 6224.
*Telex:* 267479.

**Kennedy, Allan, & Co. Ltd.,**
Bishop Street,
Stockton-on-Tees.
*Tel. Stockton* 65464.
*T.A.: "Grating, Stockton-on-Tees."*

**Kent Meters Ltd.,**
Lea Works,
Pondwicks Road,
Luton, Beds.
*Tel. Luton* 31100.
*T.A.: "Kentmeters, Luton."*
*Telex:* 825367.

**King, Geo. W., Ltd.,**
P.O. Box 18,
Stevenage, Herts. SG1 2AA.
*Tel. Stevenage* 4400.
*T.A.: "Konveyas—Stevenage."*
*Telex:* 82151.

**Kings Cross Truck Co. Ltd.,**
Pier Road,
North Feltham Trading Estate,
Feltham, Middx. TW14 0TP.
*Tel.* 01-890 3463.

**Kleen-e-ze Ltd.,**
Industrial Division,
Hanham, Bristol, BS15 3DY.
*Tel. Bristol* 670861.
*T.A.: "Kleeneze Phone Bristol."*

**Label Processes,**
Division of Milford-Astor Ltd.,
Ladywell Trading Estate,
Eccles New Road,
Salford, M5 2DA.
*Tel.* 061-789 8131.
*T.A.: " Stadmil Manchester 5."*
*Telex:* 668670.

**Lacy-Hulbert & Co. Ltd.,**
Boreas Works, Beddington,
Croydon, CR9 4EA.
*Tel.* 01-688 5504.
*T.A.: " Percussive Croydon Telex."*
*Telex:* 21598.

**Lafarge Aluminous Cement Co. Ltd.,**
P.O. Box 13,
Fondu Works,
730, London Road,
Grays, Essex, RM16 1NJ.
*Tel. Purfleet* 3333.
*T.A.: " Cimenfondu Graysuk."*
*Telex:* 897515 *(Lafarge, Grays).*

**Lamson Engineering Co. Ltd.,**
Hythe Road,
London, NW10 6RY.
*Tel.* 01-969 2424.
*T.A.: " Kelywil London."*

**Lancer Boss Ltd.,**
Leighton Buzzard,
Beds.
*Tel. Leighton Buzzard* 2031.
*T.A.: " Sideloader Leighton Buzzard Telex."*
*Telex:* 82235.

**Lane, George, & Sons Ltd.,**
Duke Street,
Birmingham, B4 7PJ.
*Tel.* 021-359 2836.
*T.A.: " Wiaconveya Birmingham."*

**Lang-London-Ltd.,**
Central Way,
Faggs Road,
Feltham, Middx.
*Tel.* 01-890 6551.
*T.A.: " Langmix Feltham."*
*Telex:* 935609 (*Dev Feltham*)

**Lansing Bagnall Ltd.,**
Basingstoke, Hants.
*Tel. Basingstoke* 3131.
*T.A.: " Bagnallic, Basingstoke."*
*Telex:* 85120.

**Lawton Pallets Ltd.,**
12 Doris Road,,
Bordesley Green, Birmingham, 9.
*Tel.* 021-773 2126.
*T.A.: " Specialities Birmingham."*

**Leader, Denis, Ltd.,**
Leader House,
Snargate Street,
Dover, Kent.
*Tel. Dover* 202656.

**Lerner Machine Co. Ltd.,**
Wharf Road,
Ponders End, Middx.
*Tel.* 01-804 2794.
*T.A.: " Lernermach Enfield Middx."*
*Telex:* 261913.

**Leybold Heraeus Ltd.,**
173, Greenwich High Road,
London, SE10 8JA.
*Tel.* 01-858 1127.
*Telex:* 896430.

**Lightfoot Refrigeration Co. Ltd.,**
Abbeydale Road,
Wembley, Middx.
*Tel.* 01-997 3322.
*T.A.: " Separator Wembley."*
*Telex:* 935523.

**Lightnin Mixers Ltd.,**
London Road South,
Poynton, Cheshire, SK12 1LH
*Tel. Poynton* 6421.
*Telex:* 668734.

**Ling Systems Ltd.,**
Unit No. 1, Cromwell Road,
Industrial Estate,
St. Neots.
Huntingdon, Cambs.
*Tel. Huntingdon* 73316.
*Telex:* 32316.

**Lionweld Ltd.,**
Marsh Road,
Middlesbrough,
Teesside, TS1 5JS.
*Tel. Middlesbrough* 45151.
*T.A.: " Lionweld."*

**Liquid-Solid Separations Ltd.,**
2, Anderson Street,
London, S.W.3.
*Tel.* 01-589-7523.
*T.A.: " Liquisolid London."*

**Liquid Systems Ltd.,**
Stafford Road,
Newport, Gwent, NPT 7XR.
*Tel. Newport* 51555.

**Llewellin, G., & Son Ltd.,**
Dairy Engineers, Boulston,
Haverfordwest, Pembrokeshire.
*Tel. Haverfordwest* 2995.
*T.A.: " Llewellins Haverfordwest."*

**Lock, A. M., & Co. Ltd.,**
Neville Street,
Middleton Road,
Oldham, Lancs.
*Tel.* 061-624 0333.
*T.A.: " Locktronic."*

**Locker Industries Ltd.,**
P.O. Box 161,
Warington, WA1 2SU.
*Tel. Warrington* 51212.
*T.A.: " Lockers Warrington."*
*Telex:* 62508.

**Lodematic Ltd.,**
Clitheroe, Lancs.
*Tel. Clitheroe* (0200) 22233.
*T.A.: " Lodematic Clitheroe."*

**Loma Engineering Ltd.,**
Invincible Road,
Farnborough, Hants.
*Tel. Farnborough* 40346.
*T.A.: " Loma Farnborough."*

**Londex Ltd.,**
P.O. Box 79,
207 Anerley Road,
London, SE20 8EW.
*Tel.* 01-778 3111.
*T.A.: " Londex London S.E.*20."
*Telex:* 262716.

**Lotz, Abbott & Co. Ltd.,**
928, High Road,
London, N12 9RR.
*Tel.* 01-445 0256.
*T.A.: " Ingbooth London N.*12."
*Telex:* 266687.

**Loughborough Ovens Ltd.,**
Rosebery Street,
Loughborough, Leics.
*Tel. Loughborough* 30731.

**Luwa (U.K.) Ltd.,**
Fortune House,
36/41, High Street,
South Norwood,
London, SE25 6HG.
*Tel.* 01-653 6515.
*T.A.: " Luwuk London."*
*Telex:* 25542.

**M.G.K. Engineering Co. Ltd.,**
Kingsbury Road,
Curdworth, Sutton Coldfield,
West Midlands, B76 9EG.
*Tel. Curdworth* (0675) 70261.
*T.A.: " Pallets Birmingham."*

**MIA (Sheffield) Ltd.,**
Julian Road,
Wincobank,
Sheffield, S9 1FY.
*Tel.* 381121.
*T.A.: " Temco, Sheffield."*
*Telex:* 54180.

**M.I.D. (Europa) Ltd.,**
Common Lane,
Watnall,
Nottingham, NG16 1HD.
*Tel. Kimberley* 2745.
*Telex: Chamcom Nottm.* 37605 *Reliance.*

**MIL Ltd.,**
Heath Town Works,
Deans Road,
Wolverhampton, Staffs.
*Tel. Wolverhampton* 772611.
*T.A.: " MIL Wolverhampton Telex."*
*Telex: MIL W'hampton,* 338520.

**M. & M. Process Equipment Ltd.,**
Fir Tree House,
Headstone Drive,
Wealdstone, Middx., HA3 5QS.
*Tel.* 01-863 2282.
*T.A.: " Masomorton Harrow."*
*Telex:* 25841.

**Machinery Continental Packaging Ltd.,**
223, Windmill Road,
Ealing,
London, W5 4DJ.
*Tel.* 01-568 7831.
*Telex:* 934749 *Maccontal Ldn.*

**Maitlands (Metal Works) Ltd.,**
2, Eastvale Place,
Glasgow, C.3.
*Tel.* 041-339 9206.
*T.A.: " Stainless Glasgow."*

**Manesty Machines Ltd.,**
Evans Road,
Speke, Liverpool, L24 9LQ.
*Tel.* 051-486 1972.
*T.A.: " Manesty Liverpool* 24."
*Telex:* 62249.

**Manex & Co.,**
135, The Reddings,
London NW7 4JP.
*Tel.* 01-959 6622.

**Manor Engineering Co. Ltd.,**
Trentham Road,
Longton, Stoke-on-Trent.
*Tel. Stoke-on-Trent* 33081.
*T.A.: " Manor Longton."*
*Telex:* 36320.

**Manufacturers Equipment Co. Ltd.,**
Sutton Road,
Hull, HU8 0DR.
*Tel. Hull* 71791.
*T.A.: " Rapistan Hull."*

**Marconi Instruments Ltd.,**
St. Albans,
Herts., AL4 0JN.
*Tel. St. Albans* 59292.
*T.A.: " Measurtest St. Albans."*
*Telex:* 23350.

**Mark-O-Print Ltd.,**
Harlequin Avenue,
Great West Road,
Brentford, Middx. TW8 9EH.
*Tel.* 01-560 2224.
*T.A.: " Markoprint Brentford Hounslow."*
*Telex:* 263127.

**Marley Tile Co. Ltd.,**
Riverhead,
Sevenoaks, Kent, TN13 2DS.
*Tel. Sevenoaks* 55255.

**Marryat Handling Ltd.,**
10/12 Lombard Road,
Merton,
London, SW19 3XR.
*Tel.* 01-542 9870.
*Telex:* 929447.

**Marshall's Tea Machinery Co. Ltd.,**
Britannia Works,
Gainsborough, Lincs.
*Tel.* Gainsborough 2301.
*T.A.:* "Marten Gainsborough."
*Telex:* 56134.

**Martin Sylvester Marketing Ltd.,**
Avon House (6th floor),
360/366, Oxford Street,
London, W.1.
*Tel.* 01-493 5821.
*T.A.:* "Goudenbolt London W.1."

**Martonair Ltd.,**
St. Margarets Road,
Twickenham, TW1 1RJ Middx.
*Tel.* 01-892 4411.
*Telex:* 85246.

**Mason, W. F., Ltd.,**
Mona Works,
Manor Road,
Levenshulme,
Manchester, M19 3FJ.
*Tel.* 061-224 4216 & 5181.

**Mather & Platt Ltd.,**
Radcliffe,
Manchester, M26 0NL.
*Tel.* 061-723 2641.
*T.A.:* "Mather Radcliffe."
*Telex:* 667460.

**Mawdsley's Ltd.,**
Zone Works,
Dursley, Glos., GL11 5AE.
*Tel.* Dursley 4131.
*T.A.:* "Zone Dursley."
*Telex:* 43128.

**Medcalfe & Co. (1950) Ltd.,**
55, Farringdon Road,
London, EC1M 3LP.
*Tel.* 01-405 9635.

**Megator Pumps & Compressors Ltd.,**
57a, Newington Causeway,
London, SE1 6EQ.
*Tel.* 01-407 5616.
*Telex:* 888847.

**Mesalect Ltd.,**
Preston Hill,
Chesham, Bucks.
*Tel.* Chesham 72526.

**Metal Box Co. Ltd.,**
Queens House,
Forbury Road,
Reading, RG1 3JH.
*Tel.* 0734 581177.
*T.A.:* "Metalboxes Reading."
*Telex:* 847451.

**Metal Centres Ltd.,**
Summer Road,
Thames Ditton, Surrey.
*Tel.* 01-398 4455.
*T.A.:* "Metstock London."
*Telex:* 25711.

**Metal Closures Ltd.,**
Bromford Lane,
West Bromwich,
West Midlands, B70 7HY.
*Tel.* 021-553 2900.
*T.A.:* "Closures West Bromwich."
*Telex:* 33322.

**Metcalfe, C. B., Food Machinery Ltd.,**
Haygarth Park,
Blaenau Ffestiniog,
North Wales.
*Tel.* Bl. Ffestiniog 456.
*T.A.:* "Metcalfe Blaenau Ffestiniog."

**Metering Pumps Ltd.,**
Metering House,
83, New Broadway,
Ealing,
London, W5 5BD.
*Tel.* 01-567 6264.
*T.A.:* "Meteringpumps London."
*Telex:* 935284.

**Metromethods Ltd.,**
Shortmead Street,
Biggleswade, Beds.
*Tel.* 0767 313458.

**Meyer Dumore International Ltd.,**
Abbey Road,
Park Royal,
London, N.W.10.
*Tel.* 01-965 4021.

**Meynell Valves Ltd.,**
Bushbury,
Wolverhampton,
Staffs., WV10 9LB.
*Tel. Wolverhampton* 28621.
*T.A.: "Valves W-Hampton."*
*Telex:* 338352.

**Mikropul Ltd.,**
Towerfield Industrial Estate,
Shoeburyness, Essex.
*Tel. Shoeburyness* 2373, 3511.
*T.A.: "Mikropul Southend-on-Sea."*
*Telex:* 99346.

**Milford-Astor Ltd.,**
Ladywell Trading Estate,
Eccles New Road,
Salford, M5 2DA.
*Tel.* 061-789 8131.
*T.A.: "Stadmill Manchester 5."*
*Telex:* 668670.

**Minikay Ltd.,**
Mansted House,
High Road,
Chadwell Heath,
Romford, Essex.
*Tel.* 01-599 3977.
*T.A.: "Minikay Romford."*

**Miracle Mills Ltd.,**
Franklin Road,
Penge,
London, SE20 8JD.
*Tel.* 01-659 2156.
*T.A.: "Milmiracle London.* S.E.20."

**Mitchell-Fowler Ltd.,**
Chestergate House,
Vauxhall Bridge Road,
London, SW1V 1HE.
*Tel.* 01-828 4438.

**Mogensen Sizers Ltd.,**
Fernie Road,
Market Harborough, Leics.
LE16 7PH.
*Tel. Market Harborough* 5284.
*Telex:* 341253.

**Mojonnier Bros. Co.,**
Brunswick Road,
Cobbs Wood Industrial Estate,
Ashford, Kent.
*Tel. Ashford, Kent* 23103.
*T.A.: "Mojonnier Ashford Kent."*
*Telex:* 96407.

**Mono Pumps Ltd.,**
Mono House,
1, Sekforde Street,
Clerkenwell Green,
London, EC1R 0HE.
*Tel.* 01-253 8911.
*T.A.: "Monopumps London Telex."*
*Telex:* 24453.

**Mono Universal Bakery Machinery,**
Queensway,
Fforestfach,
Swansea. SA5 4EB.
*Tel. Swansea* 32271.
*Telex:* 48254.

**Montgomerie Reid Ltd.,**
(Inc. Wessex Industries Ltd.),
Bramley,
Basingstoke, Hants., RG26 5DW.
*Tel. Bramley Green* (025686) 444.
*Telex:* 85199.

**Moritz Chemical Engineering Ltd.,**
Thames Side,
Kingston upon Thames, Surrey.
*Tel.* 01-546 7413.
*T.A.: "Morichemic Kingston upon Thames."*

**Morton, Robert, DG Ltd.,**
Trent Works,
Derby Street,
Burton-on-Trent, Staffs.
*Tel. Burton-on-Trent* 66661.
*T.A.: "Delanair Burton."*
*Telex:* 34400.

**Morton Machine Co. Ltd.,**
Atlantic Works,
Wishaw, Lanarkshire.
*Tel. Wishaw* 73201.
*T.A.: "Mortonmix Wishaw."*

**Mucon Eng. Co. Ltd.,**
Winchester Road,
Basingstoke, Hants.
*Tel. Basingstoke* 3591.
*T.A.: "Mucon Basingstoke."*
*Telex:* 85191.

**Mulco Products,**
St. Machar Road,
Aberdeen.
*Tel. Aberdeen* 41215.

**Mulcott Belting Co. Ltd.,**
Harry Street, Dudley Hill,
Bradford, Yorks., BD4 9PB.
*Tel. Bradford* 682055.
*Telex:* 51348.
*T.A.: "Mulcott Bradford."*

**Multivac Packaging Systems Ltd.,**
73/75, High Street,
Hornsey, London, N8 7QW.
*Tel.* 01-348 2313.
*Telex:* 24124.

**Nautamix (U.K.) Ltd.,**
National Westminster House,
2, Chestergate,
Macclesfield, SK11 6BA.
*Tel. Macclesfield* 28833.
*Telex:* 668447.

**Neptune Measurement Ltd.,**
Tameside Works,
Delph New Road,
Dobcross,
Nr. Oldham, Lancs. OL3 5BD.
*Tel. Saddleworth* 4822.
*Telex:* 668064.

**Neumo Ltd.,**
Quarry Road,
Newhaven, Sussex, BN9 9DE.
*Tel. Newhaven* 4301.
*Telex:* 877686.

**New Haden Pumps Ltd.,**
New Haden Works, Cheadle,
Stoke-on-Trent, ST10 2NW.
*Tel.* 05384 2351.
*Telex:* 36142.

**Newell Dunford Engineering Ltd.,**
Newell Dunford House,
Portsmouth Road,
Surbiton, Surrey, KT6 5QF.
*Tel.* 01-398 4262.

**Newman Labelling Machines Ltd.,**
Queens Road,
Barnet, Herts. EN5 4DL.
*Tel.* 01-449 9666.
*T.A.: "Nufrend Barnet Herts."*
*Telex:* 263642.

**Nilfisk Ltd.,**
Newmarket Road,
Bury St. Edmunds, Suffolk.
*Tel. Bury St. Edmunds* 63163.

**Nopi Ltd.,**
George House, George Street,
Huntingdon, Cambs. PE18 6BG.
*Tel.* 0480 55281.
*Telex:* 32194.

**Nordunson Engineering Co. Ltd.,**
Cedar St. Works,
Blackburn, Lancs. BB1 9TQ.
*Tel. Blackburn* (0254) 57894.

**Normac Ltd.,**
59, Pepper Road,
Leeds, LS10 2RY.
*Tel. Leeds* (717779).
*T.A.: "Forklift Leeds."*

**Normanton Engineers Ltd.,**
Brookside Works,
Lloyd Street,
Whitworth, Nr. Rochdale.
*Tel. Whitworth* 3696.
*Telex:* 63264.

**Norprint Ltd.,**
Horncastle Road,
Boston, Lincs.
*Tel. Boston* 5161.
*Telex:* 37578.

**Norris, D. C., & Co. (Engineering) Ltd.,**
Great Gransden,
(Near Sandy),
Beds., SG19 3AH.
*Tel.* 07677 515.

**North Acton Conveyor & Elevator Co. Ltd.,**
Venture Works,
Mill Street,
Slough, Bucks., SL2 5DB.
*Tel. Slough* 20374.
*T.A.: " Nactoma Slough."*

**Northern Dairy Engineers Ltd.,**
Reservoir Road,
Clough Road,
Hull, Yorks.
*Tel. Hull* 46385.

**Northey Rotary Compressors Ltd.,**
Alder Road,
Parkstone, Poole,
Dorset, BH 12 4BB.
*Tel. Parkstone* (0202) 741725
*T.A.: " Northey Bournemouth."*
*Telex:* 41444.

**No-Val Engineering Co. Ltd.,**
St. Dunstan Works,
Conway Street,
Mill Lane, Bradford 4,
Yorks.
*Tel. Bradford* 29121.
*T.A.: " Noval Bradford."*

**Noviss Plastics Ltd.,**
Queen Street,
Golborne,
Nr. Warrington, Lancs.
*Tel. Ashton-in-Makerfield* 78779.
*T.A.: " Noviss, Golborne."*

**Novotechnics Ltd.,**
Jubilee Road,
Letchworth, Herts.
*Tel. Letchworth* 3021.

**Numec Ltd.,**
New Whittington,
Chesterfield, S43 2BP.
*Tel. Chesterfield* 51171.
*T.A.: " Numec Chesterfield."*

**Oakes, E. T., Ltd.,**
Queen's Avenue,
Macclesfield, Cheshire, SK10 2BT.
*Tel. Macclesfield* 27411.
*T.A.: " Oakes Macclesfield."*
*Telex:* 669062.

**Oddy Ltd.,**
Concourse House,
Dewsbury Road,
Leeds, LS11 7DF.
*Tel. Leeds* 76598.
*Telex: Chamcon* 55293.

**Omic Ltd.,**
Craven House,
121, Kingsway,
London, WC2B 6PB.
*Tel.* 01-405 4266.
*T.A.: " Paliton London* WC2."

**Organ, Arthur F., (Packaging Machinery) Co. Ltd.,**
Pipers Road,
Park Farm Estate,
Redditch, B98 0HU.
*Tel. Redditch* 60134.
*T.A.: " Organpak Redditch."*

**Orthos (Engineering) Ltd.,**
62, Coventry Road,
Market Harborough, Leics.
*Tel. Market Harborough* (0645) 4246.
*T.A.: " Ortodos Harboro."*
*Telex:* 34300.

**Overstall & Sons Ltd.,**
19, Aintree Road,
Bootle, Liverpool,
Merseyside L20 9DL.
*Tel.* 051-922 2291.
*T.A.: " Motion Liverpool* 20."
*Telex:* 627232.

**P.D. Process Engineering,**
Prospect House,
Crendon Street,
High Wycombe, Bucks.
*Tel. High Wycombe* 35141.
*Telex:* 83492.

**P.D. (Technical Mouldings) Ltd.,**
Rotation House,
20, Mayday Road,
Thornton Heath,
Surrey, CR4 7HL.
*Tel.* 01-689 4336.

**Pacunion Ltd.,**
68a, Woodbridge Road,
Guildford, Surrey, GU1 4RD.
*Tel. Guildford* 73373.
*Telex:* 85393.

**Pantin, W. & C., Ltd.,**
Centre Drive,
Epping, Essex.
*Tel. Epping* 2271.
*T.A.: " Pantinko, Epping."*
*Telex:* 81610.

**Pastillators Ltd.,**
15-17, St. Cross Street,
Hatton Garden,
London, EC1N 8UR.
*Tel.* 01-242 9361.
*Telex:* 338078.

**Paterson Hughes Engineering Co. Ltd.,**
Tubs Hill House,
London Road,
Sevenoaks, Kent.
*Tel. Sevenoaks* 56274.
*T.A.: "Zenithlo Sevenoaks."*
*Telex: Boxhauling Svoks* 95164.

**Payne & Co., F. C.,**
P.O. Box 56,
Altrincham, Cheshire.
*Tel.* 061-904 9387.
*T.A.: " Payne Altrincham."*

**Pearson Panke Ltd.,**
1/3, Halegrove Gardens,
London, NW7 3LR.
*Tel.* 01-959 3232.
*T.A.: " Pearspanke London."*
*Telex:* 23273.

**Pegson Ltd.,**
Coalville, Leics.
*Tel. Coalville* 3322.
*T.A.: " Pegson Coalville."*
*Telex:* 34423.

**Pelkman, John, Engineering Co. Ltd.,**
50, Coombe Road,
New Malden, Surrey, KT3 4QG.
*Tel.* 01-942 7811.
*T.A.: " Jaypelkman New Malden."*

**Pengco Transport Systems Ltd.,**
Oxney Works,
Oxney Road,
Peterborough.
*Tel.* 61221.
*T.A.: " Pengco, Pboro."*
*Telex:* 32267.

**Pennwalt Ltd.,**
Doman Road,
Camberley, Surrey, GU15 3DN.
*Tel. Camberley* 63383.
*T.A.: " Pennwalt Camberley."*
*Telex:* 85283.

**Perkins Boilers Ltd.,**
Mansfield Road,
Derby, DE2 4BA.
*Tel. Derby* 48235.
*T.A.: " Perkins Derby."*

**Permutit-Boby Ltd.,**
632-652, London Road,
Isleworth, Middx.
*Tel.* 01-560 5199.
*T.A.: " Permutit Hounslow."*
*Telex:* 24440.

**Peters Packaging Ltd.,**
Windsor Works,
Slough, SL2 5DG.
*Tel. Slough* 34511.
*T.A.: " Peters, Slough."*
*Telex:* 848238.

**Petrie & McNaught Ltd.,**
Crawford Street,
Rochdale, Lancs., OL16 5NX.
*Tel. Rochdale* 49421.
*T.A.: " Laver Rochdale."*
*Telex:* 63252.

**Petzold, Henry, & Co.,**
51, The Mall,
Ealing, London, W5 3TA.
*Tel.* 01-567 9920.
*Telex:* 935344 *Petzold, London.*

**Pitney-Bowes Ltd.,**
The Pinnacles,
Harlow, Essex, CM19 5BD.
*Tel. Harlow* 26731.
*T.A.: " Pitbow Harlow."*
*Telex:* 81244.

**Platon, G. A., Ltd.,**
Wella Road,
Basingstoke, Hants.
*Tel.* 0256 26661.
*Telex:* 85107.

**Platt International Ltd.,**
Crescent Works,
Dewsbury Road,
Leeds, LS11 5LH.
*Tel. Leeds* (0532) 77261.
*T.A.: " Plattint Leeds."*

**Plenty & Son Ltd.,**
Hambridge Road,
Newbury, Berks.
*Tel. Newbury* 2363.
*T.A.: " Plenty Newbury, Telex."*
*Telex:* 84110.

**Plura, Paul, & Co. Ltd.,**
33, Grange Road,
Woodthorpe,
Nottingham, NG5 4FU.
*Tel. Nottingham* 66291.

**Pneutronic Machine Co. Ltd.,**
22, Chapel Lane,
Pinner, Middx., HA5 1AD.
*Tel.* 01-866 2258.
*Telex:* 28604.

**Podmores (Engineers) Ltd.,**
Winton House,
Stoke Road, Stoke-on-Trent,
ST4 2RH.
*Tel. Stoke-on-Trent* 45361.
*Telex:* 36250.

**Polymathic Engineering Co. Ltd.,**
Fazeley Road,
Tamworth, Staffs., B78 3JR.
*Tel. Tamworth* 3441.
*T.A.: " Precision Tamworth."*
*Telex:* 34596.

**Polypenco Ltd.,**
P.O. Box 56,
Welwyn Garden City,
Herts.
*Tel. Welwyn Garden* 21221.
*T.A.: " Polypenco Welwyngarden-city."*
*Telex:* 262440.

**Pontifex, H., & Sons Ltd.,**
Pepper Road,
Leeds, 10.
*Tel. Leeds* 73411.
*T.A.: " Nonferrous Leeds."*

**Portable Balers Ltd.,**
48, Smith Street,
Hockley,
Birmingham, B19 3EW.
*Tel.* 021-554 7241/2.

**Portacel Ltd.,**
Cannon Lane,
Tonbridge, Kent.
*Tel. Tonbridge* 64411.
*Telex:* 95467.

**Potter, F. W., & Soar Ltd.,**
Beaumont Road,
Banbury, Oxon.
*Tel Banbury* (0295) 53344.
*T.A.: " Wirework Banbury."*

**Powell & Co.,**
Burry Port,
Dyfed.
*Tel. Burry Port* (055 46) 2984.
*Telex:* 48425.

**Power, F. A., Ltd.,**
Strapping Division,
Adderley Road,
Birmingham, B8 1AL.
*Tel.* 021-327 3601.
*T.A.: " Fapower Birmingham."*
*Telex:* 33448.

**Power Lifts Ltd.,**
Hadley Works,
Caxton Way,
Holywell Estate,
Watford, Herts.
*Tel. Watford* 27724.

**Premier Colloid Mills Ltd.,**
Hersham Trading Estate,
Walton-on-Thames, Surrey.
*Tel. Walton-on-Thames* 26305.
*T.A.: " Premill Walton-on-Thames."*
*Telex:* 25539.

**Premier Filterpress Co. Ltd.,**
Grosvenor Chambers,
Grosvenor Road,
*Wallington, Surrey,* SM6 0EE.
*Tel.* 01-647 5572.
*T.A.: " Filtering, Wallington, Surrey."*

**Prestcold Ltd.,**
Theale,
Reading, RG7 4AF.
*Tel. Reading* 302222.
*T.A.: " Prestcold Telex Theale."*
*Telex:* 848326.

**Prestige Industrial Ltd.,**
India Mills,
Skew Bridge,
Blackburn, Lancs. BB1 9SY.
*Tel. Blackburn* 53333.
*Telex:* 63147.

**Proctor Dalglish,**
Industrial Estate,
Thornliebank, Glasgow, G46 8JA.
*Tel.* 041-638 6451.
*T.A.: " Dalglish Thornliebank."*
*Telex:* 77185.

**Prodorite Ltd.,**
Eagle Works,
Leabrook,
Wednesbury, Staffs.
*Tel.* 021-556 1821.
*T.A.: " Prodorite, Wednesbury."*
*Telex:* 338212 *Prodoc.*

**Pryor, Edward, & Son Ltd.,**
Broom Street,
William Street,
Sheffield, S10 2DA.
*Tel.:* 0742 70011.
*T.A.* " Pryor Sheffield 10."
*Telex: Chamcon Sheffield* 54208 *for Pryor.*

**Pullman Pans Ltd.,**
75, Tolbooth Wynd,
Leith, Edinburgh, EH6 6EE.
*Tel.* 031-554 1446.
*T.A.: " Perfection Edinburgh."*

**Purdy Machinery Co. Ltd.,**
41-42, Prescot Street,
London, E1 8BG.
*Tel.* 01-481 8401.
*T.A.: "Implements Edo London."*

**Pye Electric Ltd.,**
Oulton Works,
Lowestoft, Suffolk.
*Tel. Lowestoft* 62222.
*T.A.: "Pylec, Lowestoft."*
*Telex:* 97387.

**RHM Ingredient Supplies Ltd.,**
Torre Road,
Leeds, LS9 7RZ.
*Tel. Leeds* 31701.
*T.A.: "Nukrisko Leeds."*
*Telex:* 557491.

**RWP Flexible Packaging**
Filwood Road,
Fishponds,
Bristol, BS16 3RY.
*Tel.* 0272 656232.
*Telex:* 44811.

**Radiovisor Parent Ltd.,**
Stanhope Works,
High Path,
London, SW19 2JX.
*Tel.* 01-540 3351.
*T.A.: "Radivisor London S.W.19."*
*Telex:* 928246.

**Radyne Ltd.,**
Wokingham, Berks.
*Tel. Wokingham* (0734) 783333.
*T.A.: "Radyne Wokingham."*
*Telex:* 848267.

**Rampart Inks Ltd.,**
18, Rivington Street,
London, EC2A 3DU.
*Tel.* 01-739 7770.

**Randall, James H., & Son Ltd.,**
Paddington Green Works,
London, W.2.
*Tel.* 01-262 1661.
*T.A.: "Ransonapad London W.2."*
*Telex:* 267333.

**Rank Pullin Controls,**
Phoenix Works,
Great West Road,
Brentford, Middx., TW8 9AF.
*Tel.* 01-560 1212.
*Telex:* 22752.
*T.A.: "Pullinco London."*

**Rapfast Ltd.,**
Lyon Industrial Estate,
Hartspring Lane,
Watford, Herts.
*Tel.* 33911.
*Telex:* 923111.

**Rapid Magnetic Ltd.,**
Lombard Street,
Birmingham, B12 0QW.
*Tel.* 021-773 1361.
*T.A.: "Magnetism Birmingham."*
*Telex:* 338671 *Magnetism.*

**Rapmac Ltd.,**
Unit 4A,
Lyon Industrial Estate,
Hartspring Lane,
Watford, WD2 8JE.
*Tel. Watford* 33911.
*T.A.: "Rapmac, Watford."*

**Reads & Barrons Ltd,**
Drummond Road,
Fishponds, Bristol, BS16 3DQ.
*Tel. Bristol* 653123.
*T.A.: "Ovens Bristol."*

**Realm Engineering Works Ltd.,**
Milton Avenue,
Croydon, CR9 2JP.
*Tel.* 01-684 8391.
*T.A.: "Realmard Croydon."*

**Record Bakery Equipment Co. Ltd.,**
224, London Road.
*St. Albans, Herts.,* AL1 1JF.
*Tel. St. Albans* 60465.
*T.A.: " Recobake St. Albans."*

**Redland Precast Ltd.,**
Cliffords Inn,
London, EC4A 1DS.
*Tel.* 01-242 9541.

**Redler Conveyors Ltd.,**
Dudbridge Works,
Stroud, Glos.
*Tel. Stroud* (045 36) 3611.
*T.A.: " Redler Stroud."*
*Telex:* 43228.

**Redman Fisher Engineering Ltd.,**
Birmingham New Road,
Tipton,
Staffs.
*Tel. Sedgley* 4141.
*T.A.: " Redman Tipton."*
*Telex:* 33180.

**Redman Heenan Froude Ltd.,**
Shrub Hill Road,
Worcester.
*Tel. Worcester* 23461.
*T.A.: " Heenan."*
*Telex:* 339636.

**Redmond, Philip, & Sons Ltd.,**
Neville Works,
Elland Road,
Leeds, LS11 0BJ.
*Tel. Leeds* 73121.
*Telex:* 557343.

**Reed Darnley Taylor Ltd.,**
Larkfield,
Near Maidstone, Kent.
*Tel. Maidstone* 7-7777.
*Telex:* 965131.
*T.A.: " Satchelsac Larkfield."*

**Rejafix Ltd.,**
Harlequin Avenue,
Brentford, Middx. TW8 9EH.
*Tel.* 01-560 2224.
*T.A.: " Rejafix Brentford Hounslow."*
*Telex:* 263127.

**Renold Ltd.,**
Renold House,
Wythenshawe, Manchester, M22 5WL.
*Tel.* 061-437 5221.
*T.A.: " Renold Manchester."*
*Telex:* 669052.

**Revel Controls Ltd.,**
Great West Road,
Brentford, Middx.
*Tel.* 01-568 0031.
*Telex:* 264453.

**Rimer-Birlec Ltd.,**
Melingriffith Works,
Whitchurch, Cardiff, CF4 7XT.
*Tel. Cardiff* 63205.
*T.A.: " Rimerbirlec Cardiff."*
*Telex:* 49666.

**Roberts Filling Machines Ltd.,**
Division of Driver Southall Ltd.,
Baldwin Street,
Bolton, Lancs.
*Tel. Bolton* 27325.
*T.A.: " Filling Bolton."*

**Robertson Bakery Engineering Co. Ltd.,**
Abbotsford Works,
Netherdale, Galashiels.
*Tel. Galashiels* 2927.
*T.A.: " Assistance Galashiels."*

**Robinson, Thomas, & Son Ltd.,**
Railway Works,
Rochdale, Lancs. OL16 5NB.
*Tel. Rochdale* (0706) 47811.
*T.A.: " Robinson, Rochdale."*

**Robinson, W. S., & Co.,**
Osmaston Works,
Osmaston Road,
Derby, DE3 8LD.
*Tel. Derby* 41393.
*T.A.: " Robinsons Derby."*
*Telex:* 37655.

**Rockwell Packaging Machines Ltd.,**
Welsh Harp,
Edgware Road, London, N.W.2.
*Tel.* 01-452 0011.
*T.A.: " Rockpak London."*
*Telex:* 922629.

**Rockwell Pneumatic Scale Ltd.,**
Welsh Harp,
Edgware Road,
London, N.W.2.
*Tel.* 01-452 0011.
*T.A.: " Rockpak London."*
*Telex:* 922629.

**Rose Forgrove Ltd.,**
Seacroft,
Leeds, LS14 2AN.
*Tel.* (0532) 648177.
*Telex:* 557441.

**Rosin Engineering Co. Ltd.,**
15/17, St. Cross Street,
Hatton Garden,
London, EC1N 8UR.
*Tel.* 01-242 9361.
*Telex:* 338078.

**Rotaire Driers Ltd.,**
2, Glebe Road,
Huntingdon, Hunts.
*Tel. Huntingdon* 51201.
*T.A.: " Rotaire Huntingdon."*
*Telex:* 32106.

**Rowan & Boden (Contracts) Ltd.,**
Fortune House,
74, Waterloo Street,
Glasgow, G2 7DA.
*Tel.* 041-221 6941.
*T.A.: " Aranbee Glasgow."*

**Royles Ltd.,**
**(inc. Lancaster & Tonge Ltd.),**
Irlam,
Manchester, M30 5AH.
*Tel.* 061-775 3262.
*T.A.: " Elyor Irlam Manchester."*
*Telex:* 669964.

**Rubery Owen Conveyancer Ltd.,**
Thornton Road,
Warrington, Chesh.
*Tel. Warrington* 35922.
*T.A.: " Rocon Warrington."*
*Telex:* 62375.

**Rubery, Owen (Wrexham) Ltd.,**
Whitegate Factory,
Connor Crescent.
Wrexham, Denbighshire.
*Tel. Wrexham* 55851.
*T.A.: " Ruberowen Wrexham."*
*Telex:* 338236/7.

**Russell Finex Ltd.,**
Russell House,
Adam Street, London, WC2N 6AE.
*Tel.* 01-836 0055.
*T.A.: " Russelcon London W.C.2"*
*Telex:* 21666.

**Ryaland Pumps Ltd.,**
Bridgewater Road,
Broadheath,
Altrincham, Cheshire.
*Tel.* 061-928 6371.
*T.A.: Rypumps..*
*Telex:* 667013.

**SIG Swiss Industrial Co. (U.K.) Ltd.**
Canterbury House,
Sydenham Road,
Croydon, CR9 2EB.
*Tel.* 01-686 6021.
*T.A.: Sigco Croydon."*
*Telex:* 917289.

**SSV Ltd.,**
Kingston Works,
Manchester Road,
Hyde, Cheshire.
*Tel.* 061-368 3871.
*T.A.: " Esesvessel Hyde."*
*Telex:* 669825.

**Sack Fillers,**
Northfleet, Gravesend, Kent.
*Tel. Greenhithe* 3333.
*Telex:* 896095.

**Sala Neldco Ltd.,**
Sala Works,
Millbrook Road,
Southampton, SO9 1WA.
*Tel. Southampton* 776305.
*T.A. " Sala Southampton."*
*Telex:* 477412.

**Sandvik Conveyors Ltd.,**
Hereward Rise,
Halesowen Industrial Park,
Halesowen, Worcs.
*Tel.* 021-550 7671.
*Telex:* 337282.

**Saniguard Appliances Ltd.,**
Fowler Road,
Hainault, Essex.
*Tel.* 01-500 4111.
*T.A.: " Saniguard Ilford."*

**Sapal Ltd.,**
Newtown House,
Maid Marian Way,
Nottingham, NG1 6GG.
*Tel.* 48737.
*Telex:* 37297.

**Saunders Valve Co. Ltd.,**
Grange Road,
Cwmbran, Gwent., NP4 3XX.
*Tel. Cwmbran* 2044.
*T.A.: " Saunval Newportgwent."*
*Telex:* 49241.

**Sauven Marking Machine Co.,**
11/13, Hatton Wall,
London, E.C.1.
*Tel.* 01-242 2119.

**Scandura Ltd.,**
P.O. Box 18,
Cleckheaton, Yorks., BD19 3UJ.
*Tel. Cleckheaton* 5711.
*T.A.: " Scandura, Cleckheaton."*
*Telex:* 51106.

**Sellotape Products U.K.,**
Industrial Sales,
Sellotape House,
54-58, High Street,
Edgware, Middx.
*Tel.* 01-952 2345.
*T.A.: " Sellotape Edgware."*
*Telex:* 262462.

**Selo-Bollans Ltd.,**
Mulberry Road Works,
Rock Ferry,
Birkenhead, Merseyside, L42 3YA.
*Tel.* 051-645 2202.
*T.A.: " Bollco Birkenhead."*
*Telex:* 627344.

**Serck Audco Valves,**
Newport,
Shropshire, TF10 7DW.
*Tel. Newport Salop* (0952 81) 3241.
*Telex:* 35232.

**Serck Visco,**
161, Stafford Road,
Croydon,
Surrey, CR9 4DT.
*Tel.* 01-686 3861.
*T.A.: " Visco Croydon."*
*Telex:* 946085.

**Serck Water Pocessing,**
Gloucester Trading Estate,
Hucclecote,
Gloucester, GL3 4XF.
*Tel. Gloucester* (0452) 69801.
*Telex:* 43180.

**Sharp Intermatic Ltd.,**
Aylesham,
Kent.
*Tel. Nonington* 840581.
*T.A.: " Sharppack Nonington."*
*Telex:* 96475.

**Shaw, A. J., Co.**
Osborne House,
Alsager,
Stoke on Trent, ST7 2PJ.
*Tel. Alsager* (093 63) 2539.

**Shaw Moisture Meters,**
Rawson Road, Westgate,
Bradford, Yorks.
*Tel. Bradford* 33582.
*T.A.: " Olivalodge Bradford."*
*Telex:* 51598.

**Sierex Ltd.,**
15/18, Clipstone Street,
London, W1P 8AE.
*Tel.* 01-580 2464.
*T.A.: " Sierex London, W1."*
*Telex:* 24385.

**Signode Ltd.,**
Queensway,
Fforestfach, Swansea.
*Tel. Swansea* 32811.
*T.A: " Edongis Swansea."*
*Telex:* 48252.

**Silverson Machines Ltd.,**
Waterside,
Chesham, Bucks. HP5 1PQ.
*Tel. Chesham* (024 05) 6331.
*Telex:* 837335.

**Simon-Barron Ltd.,**
**Simon Handling Equipment Div.,**
Bristol Road,
Gloucester, GL2 6BY.
*Tel.* 0452 36511.
*T.A.: " Sim-Bar Gloucester."*
*Telex:* 43231.

**Simon, Henry, Ltd..**
Simon Food Engineering Div.,
P.O. Box 31.
Stockport, Cheshire, SK3 0RT.
*Tel.* 061-428 3600.
*T.A.: " Simon Stockport Telex."*
*Telex:* 669071.

**Simon, Richard, & Sons Ltd.,**
Vernon Road,
Basford, Nottingham, NG6 0AU.
*Tel. Nottingham* 74211.
*T.A.: " Balance Nottingham."*
*Telex:* 37545.

**Simon-Hartley Ltd.,**
Stoke-on-Trent,
ST4 7BH.
*Tel. Stoke-on-Trent* 24361.
*T.A.: " Simhart Stoke-on-Trent."*
*Telex:* 36305.

**Simon-Rosedowns Ltd.,**
Cannon Street,
Hull.
*Tel.* 0482 29864.
*T.A.: " Rosedowns Hull."*
*Telex:* 52226.

**Simon-Vicars Ltd.,**
Newton-Le-Willows,
Merseyside, WA12 8DL.
*Tel. Newton-Le-Willows* 5171.
*T.A.: " Vicars Newton-le-Willows."*
*Telex:* 62524.

**Skerman Group of Companies,**
Windmill Road,
Sunbury-on-Thames,
Surrey.
*Tel. Sunbury-on-Thames* (76) 83378.

**Slingsby, H. C., Ltd.,**
89, 95 & 97, Kingsway,
London, WC2B 6SB.
*Tel.* 01-405 2551.
*T.A.: " Truckman Westcent London."*

**Sloper, J., & Co. Ltd.,**
Blackburn Road.
London, NW6 1RZ.
*Tel.* 01-624 8633.
*T.A.: " Sloperency London N.W.6."*

**Smith & Nephew Plastics Ltd.,**
Bessemer Road,
Welwyn Garden City, Herts.
*Tel. Welwyn Garden* 25151.
*T.A.: "Emergency Welwyn Garden City."*
*Telex:* 23969.

**Smith & Nephew Tapes Ltd.,**
Bessemer Road,
Welwyn Garden City, Herts.
*Tel. Welwyn Garden City* 25151.
*Telex:* 23969.

**Smith & Partners Ltd.,**
147, Uxbridge Street,
Burton-on-Trent.
*Tel. Burton-on-Trent* 2061.

**Smith, O. L., & Co. Ltd.,**
Olis Works,
Wandle Way, Willow Lane,
Mitcham, Surrey.
*Tel.* 01-640 2061.
*T.A.: "Olis Mitcham."*

**Smiths Industries Ltd.,**
Industrial Instrument Division,
Kelvin House,
Wembley Park Drive,
Wembley, Middx., HA9 0NU.
*Tel.* 01-452 3333.
*T.A.: "Smithindus London."*
*Telex:* 25366.

**Soag Machinery Ltd.,**
Transport Avenue,
Brentford, Middx.
*Tel.* 560 5181.
*T.A.: "Soag Brentford."*
*Telex:* 261959.

**Sorensen Bakery Equipment Co.,**
Whitebarn,
Whitebarn Road,
Alderley Edge, Cheshire, SK9 7AY.
*Tel. Alderley Edge* 3925.

**Sovex Marshall Ltd.,**
Cavendish Drive,
Carlton, Nottingham.
*Tel. Nottingham* 249271.
*Telex:* 37149.

**Sparkler Filters (G.B.) Ltd.,**
Palmcroy House,
387, London Road,
West Croydon, CR0 3PB.
*Tel.* 01-689 0863/4.
*T.A.: "Spafil, Croydon."*
*Telex:* 947254.

**Speedry Magic Marker Ltd.,**
Britannia House,
100 Drayton Park,
London, N5 1NA.
*Tel.* 01-226 4455.
*T.A.: "Omnimodus London."*
*Telex: "Omnimodus* 267668 *Ldn."*

**Speedwork Labels Ltd.,**
Chester Hall Lane,
Basildon, Essex.
*Tel. Basildon* 20253.

**Spiral Tube (Heat Transfer) Ltd.,**
Osmaston Park Road,
Derby.
*Tel. Derby* 31041.

**Spirax-Sarco Ltd.,**
Charlton House,
Cheltenham, GL53 8ER.
*Tel. Cheltenham* 21361.
*T.A.: "Spirax Telex Cheltenham."*
*Telex:* 43123.

**Spooner Food Machinery Engineering Co. Ltd.,**
Ilkley Hall,
Ilkley, Yorks.
*Tel. Ilkley* 2271.
*T.A.: "Foodmac Ilkley England."*
*Telex:* 51273.

**Stabilag Engineering Ltd.,**
34, Mark Road,
Hemel Hempstead, Herts.
*Tel. Hemel Hempstead* 4481.
*T.A.: "Stabilag Hemel Hempstead."*

**Stainless Steel Pumps Ltd.,**
Birch Road, Lottbridge Drove,
Eastbourne,
East Sussex.
*Tel. Eastbourne* **27787.**
*T.A.: "Staypumps Eastbourne."*
*Telex:* 87834.

**Stanhope Engineers (Bradford) Ltd.,**
92, Harris Street,
Bradford, BD1 5JA.
*Tel. Bradford* 23396.

**Star Welding Co.,**
Harleston Street,
Sheffield, S4 7QB.
*Tel. Sheffield* 20283.

**Steetley Co. Ltd.,**
Industrial Distribution,,
Bailey Street,
Wolverhampton, Staffs.
*Tel. Wolverhampton* 51924.
*T.A.: "Berk Wolverhampton."*
*Telex:* 23796.

**Stella-Meta Filters,**
Laverstoke Mill,
Whitchurch,
Hants., RG28 7NR.
*Tel. Whitchurch* 2360.
*T.A.: "Stellameter, Whitchurch, Hants."*
*Telex:* 85128.

**Stephens Miraclo Belts Ltd.,**
Tudor House,
Tudor Industrial Estate,
Dukinfield, Cheshire, SK16 4RN.
*Tel.* 061-330 6521.
*T.A.: "Miraclo Dukinfield."*
*Telex:* 668611.

**Stewart Gill & Co. Ltd.,**
163, Bath Road,
Slough, Bucks., SL1 4AB.
*Tel. Slough* 20874, 21173, 26546.
*T.A.: "Rapiradia—Slough."*
*Telex:* 848274.

**Stockdale Engineering Ltd.,**
Rock Bank,
Bollington,
Macclesfield, Cheshire, SK10 5LB.
*Tel.* 0625 72521.
*T.A.: "Mechanical Bollington, Macclesfield."*
*Telex:* 668885.

**Stone-Platt Crawley Ltd.,**
P.O. Box 5,
Gatwick Road,
Crawley, Sussex, RH10 2RN.
*Tel. Crawley* 27711.
*T.A.: "Tostones Crly."*
*Telex:* 87132.

**Stott, S. S., Ltd.,**
Haslingden,
Rossendale, Lancs., BB4 6PE.
*Tel. Rossendale* 3666.

**Sturtevant Engineering Co. Ltd.,**
Hamlyn House,
Highgate Hill,
London, N19 5PP.
*Tel.* 01-272 0233.
*T.A.: "Sturtevant London* N19."
*Telex:* 263206.

**Supervents Ltd.,**
Sidcup By-Pass.
Sidcup, Kent, DA14 5AE.
*Tel.* 01-300 5661.
*T.A.: "Supavent Sidcup."*
*Telex:* 896298.

**Sweetheart Plastics Ltd.,**
11, High Street,
Fareham, Hants.
*Tel. Fareham* (032 92) 82751

**T.I. Chesterfield Ltd.,**
**Stainless Steel Div.,**
P.O. Box 21,
Green Lane,
Walsall, WS2 7BW.
*Tel. Walsall* 21222.
*T.A.: "Tistan Walsall Telex"*
*Telex:* 33387.

**T.P.T. Ltd.,**
Romiley,
Stockport,
Cheshire, SK6 4DY.
*Tel.* 061-430 6061.
*Telex:* 668710.

**TRF Pland Ltd.,**
Lower Wortley Ring Road,
Leeds, LS12 6AA.
*Tel. Leeds* 634184.
*T.A.: " Pland Leeds."*
*Telex:* 556195.

**Taylor, C.F., (Unity Designs) Ltd.,**
Blackwater Trading Estate,
Camberley, Surrey.
*Tel. Camberley* 32211.
*T.A.: " Taylor Unity Camberley."*
*Telex:* 85234.

**Taylor Instrument Companies (Europe) Ltd.,**
Gunnels Wood Road,
Stevenage, Herts., SG1 2EL.
*Tel. Stevenage* 2366.
*T.A.: " Taylortrol Stevenage Telex."*
*Telex:* 82281.

**Taylowe Ltd.,**
Malvern Road,
Furze Platt,
Maidenhead, Berks.
*Tel. Maidenhead* 23311.
*Telex:* 848300.

**Telcon-Process,**
Durnford House,
High Street,
Cranleigh, Surrey.
*Tel. Cranleigh* 5577.
*Telex:* 85666.

**Telomex (Horsham) Ltd.,**
Brighton Road.
Horsham,
Sussex, RH13 5BW.
*Tel. Horsham* 60111.
*Telex:* 87328.

**Tetra Pak Ltd.,**
Orchard Road,
Lower Richmond Road,
Richmond, Surrey, TW9 4NU.
*Tel.* 01-878 1221.

**Tilgate Pallets Ltd.,**
Brighton Road,
Crawley, Sussex.
RH11 9BH.
*Tel. Crawley* 31200.
*T.A.: " Tilgate Crawley."*
*Telex:* 87516.

**Tillotsons (Liverpool) Ltd.,**
Liverpool, L5 7TJ.
*Tel.* 051-922 6431.
*T.A.: " Tillotsons Lpl."*
*Telex:* 62-352.

**Tomlinsons (Rochdale) Ltd.,**
Newhey Road,
Milnrow,
Rochdale, Lancs.
*Tel. Rochdale* 42411.
*T.A.: " Tomlinson Rochdale."*

**Tourell (Sales) Ltd.,**
Middleway,
St. Blazey,
Cornwall, PL24 2JU.
*Tel. Par* (072 681) 2201.
*Telex:* 45533.

**Towel King Group of Companies,**
Ocean Works,
Longridge Avenue,
Saltdean, Sussex, BN2 8LJ.
*Tel. Brighton* 33013.

**Towers (Sunderland) Ltd.,**
Finchale Road,
Framwellgate Moor,
Durham.
*Tel. Durham* 65114.

**Transmatic Fyllan Ltd.,**
Biddenham Works,
Old Ford End Road,
Bedford.
*Tel. Bedford* (0234) 59296.
*T.A.: " Transfil Bedford."*

**Tridair Industries Ltd.,**
Tamian Way,
Green Lane,
Hounslow, Middx.
*Tel.* 01-572 0321.
*Telex:* 262184.

**Triton Engineering Co. (Sales) Ltd.,**
Kingsnorth Industrial Estate,
Wotton Road,
Ashford, Kent.
*Tel. Ashford* 25133.
*T.A.: " Triton, Ashford—Kent."*

**Trumeter Co. Ltd.,**
Milltown Street,
Radcliffe, Manchester, M26 9NX.
*Tel.* 061-724 6311.
*T.A.: " Trumeter Co. Radcliffe Manchester."*
*Telex:* 667088.

**Turbo Tools (Hull) Ltd.,**
237, St. Georges Road,
Hull, HU3 3SP,
*Tel.* 0482 25651.

**Turner Automatic Machinery Co. Ltd.,**
Tamco Works, Bolling Road,
Bradford, West Yorkshire,
BD4 7BA.
*Tel. Bradford* 21399.

**Tweedy of Burnley Ltd.,**
Peel Mill, Gannow Lane,
Burnley, Lancs.
*Tel. Burnley* 27921.
*T.A.: " Speedmix Burnley."*
*Telex:* 63296.

**Tyneside Engineering Ltd.,**
St. Peters Foundry,,
Walkers Road,
Newcastle upon Tyne, 6.
*Tel. Newcastle upon Tyne* 653026.

**Tyne Truck & Trolley Co. Ltd.,**
First Avenue,
Team Valley Estate,
Gateshead-on-Tyne, NE11 0PQ.
*Tel. Low Fell* (0632) 877104.

**U.C.C International Ltd.,**
P.O. Box 3,
Thetford, Norfolk.
*Tel. Thetford* (0842) 4251.

**U.D. Engineering Co. Ltd.,**
Neills Road,
St. Helens, Merseyside.
*Tel. Marshalls Cross* 813391.
*Telex:* 62277.

**UDEC Refrigeration Ltd.,**
Parsons Estate,
Washington, Tyne & Wear,
NE37 1HB.
*Tel.* 0632 464550.
*T.A. " Arel, Washington."*
*Telex:* 53596.

**Uesco Ltd.,**
Station Road,
Gamlingay,
Sandy, Beds.
*Tel. Gamlingay* 50760.

**Ultra Rapid Machines (Scotland) Ltd.,**
79, Dykehead Street,
Queenslie Industrial Estate,
Glasgow, G33 4DF.
*Tel.* 041-774 3114.

**Ultrasonics Ltd.,**
Shipley, Yorks.
*Tel. Shipley* 57411.
*T.A.: " Ultrasonics Shipley England."*
*Telex:* 51449 *Chamcom Bradford for Ultrasonics.*

**Union Food Machinery & Equipment Ltd.,**
10-11, Middle Street,
London, EC1A 7JA.
*Tel.* 01-606 2101.

**Urschel International Ltd.,**
6, Groby Trading Estate,
Groby,
Leicester, LE6 0FH.
*Tel. Leicester* (0533) 876251.
*Telex:* 341608.

**Valley Automation Ltd.,**
Valley Road, Lye,
Stourbridge, Worcs.
*Tel. Lye* 2324.
*Telex:* 338212 *Valley.*

**Van den Bergh & Partners Ltd.,**
Albert Street,
Windsor, Berks.
*Tel. Windsor* 69561.
*Telex*: 847237.

**Van den Bergh Walkinshaw Ltd.,**
P.O. Box 19, 4, Sheet Street,
Windsor, Berks.
*Tel. Windsor* 51047.
*Telex:* 848325.

**Vandome & Hart Ltd.,**
North London Ironworks,
Wenlock Road, London, N.1.
*Tel.* 01-253 7181.

**Vanmar Products Ltd.,**
Marcia House,
Market Road,
Richmond, Surrey.
*Tel.* 01-876 9261.
*T.A.: "Vanmar Richmond Surrey."*

**Vickers-Dawson,**
**(Div. of Vickers Ltd. Engineering Group),**
Gomersal Works,
Gomersal,
Cleckheaton,
Yorks. BD19 4LQ.
*Tel. Cleckheaton* (097 62) 3422.
*Telex:* 51347.

**Vickers Ltd. Engineering Group,**
P.O. Box 177.
Vickers House,
Millbank Tower,
Millbank, London, S.W.1.
*Tel.* 01-828 7777.
*T.A.: "Vickers London, Telex."*
*Telex:* 27921.

**Vincent Processes Ltd.,**
48, Queens Road,
Reading, Berks. RG1 4AZ.
*Tel. Reading* 581331.

**Vulcan Trucks Ltd.,**
Unit No. 11,
10, Nuffield Road,
Nuffield Trading Estate,
Old Wareham Road,
Poole, Dorset.
*Tel. Poole* 3319.

**WCB Containers Ltd.,**
Stamford Works,
Bayley Street,
Stalybridge,
Cheshire, SK15 1QQ.
*Tel.* 061-330 6511.
*T.A.: "Slivcans, Manchester."*
*Telex:* 667549.

**Wade Engineering Ltd.,**
Crowhurst Road,
Brighton, BN1 8AJ, Sussex.
*Tel. Brighton* 506311.
*T.A.: Blowers Brighton.*

**Wallace & Tiernan Ltd.,**
Priory Works,
Tonbridge, Kent.
*Tel. Tonbridge* 4481.
*T.A.: "Waltiernan Tonbridge Telex."*
*Telex:* 95278.

**Walter Denis Contacts Co. Ltd.,**
Walden Works, Walden Estate,
Cocker Street,
Blackpool, FY1 2EE.
*Tel. Blackpool* 26646.
*T.A.: "Walden Blackpool."*

**Warwick Production Co. Ltd.,**
Birmingham Road,
Warwick.
*Tel. Warwick* 42356.
*T.A.: "Warco."*

**Watson-Marlow Ltd.,**
Falmouth, Cornwall.
*Tel. Penryn* 3461.
*T.A.: "Triflow."*
*Telex:* 45594.

**Watten Emulsifying Machines Ltd.,**
c/o Novotechnics Ltd.,
Jubilee Road,
Letchworth, Herts.
*Tel. Letchworth* 3021.

**Wedge Wire Screens Ltd.,**
Askern Road,
Bentley,
Doncaster, Yorks.
*Tel.* 0302 54128.
*Telex:* 547172.

**Weighpack Ltd.,**
Unit 23,
Padgetts Lane,
Moon's Moat Estate South,
Redditch, Worcs.
*Tel. Redditch* (073 92) 23914.
*T.A.: "Wey Pak."*
*Telex:* 338532.

**Welch, J. A., (Plant & Vessel) Ltd.,**
Stalco Works,
Livingstone Road,
Stratford, London, E15 2LP.
*Tel.* 01-534 5818.
*T.A.: "Vessels London, E.15."*

**Wellman Incandescent Ltd.,**
Cornwall Road,
Smethwick,
Warley, West Midlands, B66 2LB.
*Tel.* 021-558 3151.
*T.A.: "Wellman, Warley, Worcs., Telex."*
*Telex:* 33398.

**Westfalia Separator Ltd.,**
"Habig House,"
Old Wolverton,
Milton Keynes, MK12 5PY.
*Tel. Wolverton* (0908) 313366.
*T.A.: "Westfalia, Milton Keynes."*
*Telex:* 82167.

**Weston-White Packaging Co. Ltd.,**
299, Morland Road,
Croydon, CR0 6HF, Surrey.
*Tel.* 01-654 2429.

**Wetter, J. C., & Co.,**
23, Middle Street,
London, EC1A 7JE.
*Tel.* 01-606 8936.
*T.A.: "Wettimpo London E.C.1.*

**Wheatly & Co. Ltd.,**
Springfield Tileries,
Trent Vale, Stoke-on-Trent,
ST4 6PD.
*Tel.* 0782 616251.
*T.A.: "Wheatly Trentvale."*

**White Arthur. Processed Plant Ltd.,**
Stapeley Manor,
Stapeley,
Nantwich, Cheshire.
*Tel.* 0270 64188.

**Whitehall Machinery Ltd.,**
Chalks Road,
Whitehall,
Bristol, BS5 9ER.
*Tel.* 0272 553551.
*Telex:* 44300.

**Wicanders (Great Britain) Ltd.,**
Alka Division,
Maxwell Way,
Crawley, Sussex.
*Tel. Crawley* 27700.
*T.A.: "Alkacap Crawley."*
*Telex:* 87150.

**Williamson Manufacturing Co. Ltd.,**
Hawthorn Road,
London, NW10 2LS.
*Tel.* 01-459 0073.
*T.A.: "Kinetogram London NW10."*
*Telex:* 25842.

**Willis Europlant Ltd.,**
Gravel Hill House,
Gravel Hill, Wombourne,
Wolverhampton, WV5 9HA.
*Tel. Wombourne* 4430.
*Telex:* 338485.

**Wilmat Handling Co. Ltd.,**
Planet House,
Stour Street,
Birmingham, B18 7AJ.
*Tel.* 021-454 7514-7.

**Wincanton Desco,**
South Street,
Sherborne, Dorset.
*Tel. Sherborne* 2491.

**Winkworth Machinery Ltd.,**
1, Bridge Street,
Staines, Middx., TW18 4PX.
*Tel. Staines* 55951.
*T.A.: "Machinery Staines."*
*Telex:* 934611.

**Wix of London Ltd.,**
29-31, Minerva Road,
London, N.W.10.
*Tel.* 01-965 1255.
*T.A.: "Emwix London."*
*Telex:* 922589.

**Woods of Colchester Ltd.,**
Tufnell Way,
Colchester, Essex, CO4 5AR.
*Tel. Colchester* 44122.
*T.A.: "Aerofoil Colchester Telex."*
*Telex:* 98422 *Woods Colcstr.*

**Worthington-Simpson Ltd.,**
Newark,
Notts., NG24 3EN.
*Tel. Newark* 5151.
*T.A.: "Aquosity Newark Telex."*
*Telex:* 37451

**Wright Hargreaves Engineering Co. Ltd.,**
Harwood Street,
Blackburn, BB1 3EA.
*Tel.* 0254 56311.
*Telex:* 63255.

**Wright Machinery Co. Ltd.,**
Eskdale Road,
Industrial Estate,
Uxbridge, Middlesex.
*Tel. Uxbridge* 31121.
*T.A.: "Writlec Uxbridge."*
*Telex:* 262764.

**York Division of Borg-Warner Ltd.,**
North Circular Road,
London, NW2 7AU.
*Tel.* 01-452 5411.
*Telex:* 22181.

**Yorkshire Moulds Ltd.,**
Stead Street,
Halifax, HX1 5AN.
*Tel. Halifax* 63027.

**Youngman, W. C., Ltd.,**
Manor Royal,
Crawley, Sussex.
*Tel. Crawley* 23411.

**Zerolit Ltd.,**
632-652, London Road,
Isleworth, Middlesex, TW7 4EZ.
*Tel.* 01-560 5199.
*T.A.: "Zerolit Hounslow."*
*Telex:* 24440.

### SUPPLIERS OF

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**Becketts Bakery Engineers Ltd.,**
Fir Street,
Heywood,
Lancashire.
*Tel. Heywood* 60377.

**Cohen, George, Machinery Ltd.,**
Wood Lane,
London, W.12.
*Tel.* 01-743 2070.

**Edwards, F. J., Ltd.,**
23-25, Sunbeam Road,
London, NW10 6JP.
*Tel.* 01-965 0655.

**Final Packaging Ltd.,**
Unit 2,
Fairview Estate,
Copyground Lane,
High Wycombe, Bucks.
*Tel. High Wycombe* 37914.

**Forum Engineering Co. Ltd.,**
Bombay Works,
Bombay Street,
London, S.E.16.
*Tel.* 01-237 4627.

**Gardam, Harry H., Co. Ltd.,**
Church Street,
Staines,
Middlesex.
*Tel. Staines* 55298.

**Hart, W. J., & Sons (London) Ltd.,**
212/4, Putney Bridge Road,
London, SW15 2NF.
*Tel.* 01-788 9295.
*Telex:* 27105.

**Jones, Hubert, Ltd.,**
Garden Street,
Ramsottom,
Bury, Lancs., BL0 9BQ.
*Tel. Ramsbottom* (070 682) 2511.

**Payne, F. C., & Co.,**
P.O. Box 56,
Altrincham, Cheshire.
*Tel.* 061-904 9387.

**Skerman Group of Companies,**
Windmill Road,
Sunbury-on-Thames,
Surrey.
*Tel. Sunbury-on-Thames* (76) 83378.

**Winkworth Machinery Ltd.,**
1, Bridge Street.
Staines, Middlesex.
*Tel. Staines* 55951.

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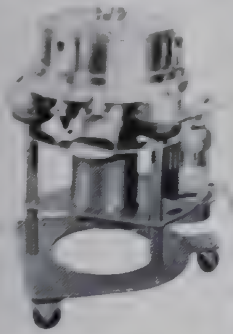
# range of sieving, straining and grinding equipment

Kek have been specialists in all types of grinding, sifting and sieving machinery since 1912. That's how they can combine advanced technology with exceptionally competitive prices, even by European standards.



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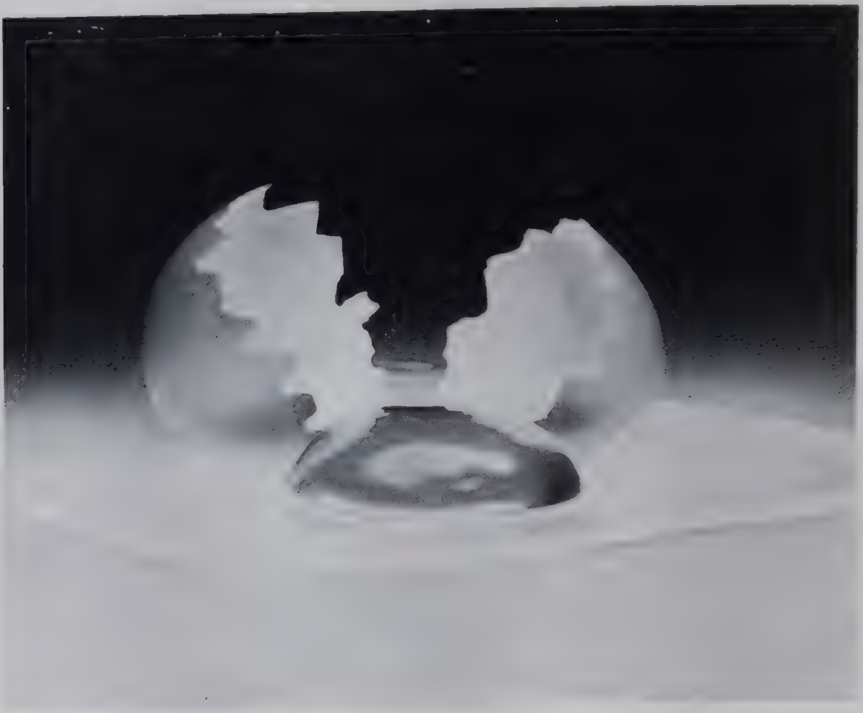

There's always some packaging problem.

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MB Metal Box

The people who come up with the answers.

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MB10-320/A

# PACKAGING MATERIALS

## CLASSIFIED

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### ADHESIVES
Adams, Alfred, & Co. Ltd.
Adcol Ltd.
Bakelite Xylonite Ltd.
Borden (U.K.) Ltd. (Arabol-Edwardson Div.)
Bostik Ltd.
CPC (United Kingdom) Ltd.
Coates Brothers Inks Ltd.
Croda Polymers Group Ltd.
Davis, Leon, & Co. Ltd.
Duckham, Alexander, & Co. Ltd.
Evode Ltd.
Grace, W. & R., Ltd.
Jones, Samuel, & Co. Ltd.
National Adhesives & Resins Ltd.
Paperwork Holdings Ltd.
Rubber Latex Ltd.
Spicer-Cowan Ltd.
Starch Products Ltd.
3M United Kingdom Ltd.
Yorkshire Chemicals Ltd.

### ALUMINIUM CAPS
Avon Tin Printers Ltd.
Hunter, Thomas, Ltd.
Metal Box Co. Ltd.
Star Container Products
U.G. Glass Containers Ltd.
Viscose Group Ltd.
Wicanders (Great Britain) Ltd.

### ALUMINIUM DISCS
Alcan Foils Ltd.
Avon Tin Printers Ltd.
Garfield, William, Ltd.
Mardon Illingworth Ltd.
Perkins Boilers Ltd.
U.M.P. Venesta Ltd.
Woollacott, Arthur, Ltd.

### ALUMINIUM FOIL CONTAINERS
Alcan Ekco Ltd.
Alcan Foils Ltd.
Alcoa of Great Britain Ltd.
Boxpak Ltd.
Garfield, William, Ltd.
Ideal Capsules Ltd.
Mardon Illingworth Ltd.
Star Aluminium Co. Ltd.
Star Container Products

### ALUMINIUM FOILS
*See Foils (Aluminium)*

### ALUMINIUM MILK BOTTLE CAPPING STRIP
Alcan Foils Ltd.
Alcoa Foils (G.B.) Ltd.
Aluminium Foils Ltd.
Star Aluminium Co. Ltd.
Woollacott, Arthur, Ltd.

### ALUMINIUM MILK BOTTLE CAPS
Alcan Foils Ltd.
Dairy Supply Co.
Wicanders (Great Britain) Ltd.
Woollacott, Arthur, Ltd.

### BAGS (BLOCK-BOTTOM)
Bibby & Baron Ltd.
British Visqueen Ltd.
Colodense Ltd.
Curtis, F. G., & Co. Ltd.
DRG Sacks
Davidson, C., & Sons
Decoflex Ltd.
Dickinson, John, & Co. Ltd.
Feltham, Walter H., & Sons Ltd.
Page, E. J., & Co. Ltd.
Spicer-Cowan Ltd.
Ulster Crown Corks Ltd.
Venus Packaging Ltd.
Woollacott, Arthur, Ltd.

### BAGS (COTTON)
Abbott's Packaging Ltd.
Feltham, Walter H., & Son Ltd.
Grace, W. R., Ltd.

**BAGS (DUPLEX)**

Bibby & Baron Ltd.
Dickinson, John, & Co. Ltd.
Spicer-Cowan Ltd.
Woollacott, Arthur, Ltd.

**BAGS (FILM FACE/PAPER BACK)**

Bibby & Baron Ltd.
Brettsil Packaging Ltd.
Cheverton & Laidler Ltd.
Colodense Ltd.
Dickinson, John, & Co. Ltd.
Graham, T. & R. Ltd.
Metal Box Co. Ltd.
Pakcel Converters Ltd.
Spicer-Cowan Ltd.
Transparent Paper Ltd.
Venus Packaging Ltd.

**BAGS (GREASEPROOF LINERS)**

Aston & Full Ltd.
Bibby & Baron Ltd.
Dickinson, John, & Co. Ltd.
Page, E. J., & Co. Ltd.
Spicer-Cowan Ltd.
Stonehouse Paper & Bag Mills Ltd.
Woollacott, Arthur, Ltd.

**BAGS (HEAT RESISTANT)**

Smith & Nephew Plastics Ltd.

**BAGS (KRAFT)**

Bibby & Baron Ltd.
Cheverton & Laidler Ltd.
Cooke, Alf., Ltd.
Curtis, F. G., & Co. Ltd.
DRG Sacks
Davidson, C., & Sons
Decoflex Ltd.
Dickinson, John, & Co. Ltd.
Page, E. J., & Co. Ltd.
Spicer-Cowan Ltd.
Stonehouse Paper & Bag Mills Ltd.
Woollacott, Arthur, Ltd.

**BAGS (LAMINATED)**

Bibby & Baron Ltd.
Colodense Ltd.
DRG Sacks
Dickinson, John, & Co. Ltd.
Koters (Liverpool) Ltd.
Mardon Flexible Packaging Ltd.
Metal Box Co. Ltd.
Pakcel Converters Ltd.
Smith & Nephew Plastics Ltd.
Spicer-Cowan Ltd.
Swains Packaging Ltd.
Transparent Paper Ltd.
Venus Packaging Ltd.
Woollacott, Arthur, Ltd.

**BAGS (LINEN)**

Feltham, Walter H., & Son Ltd.

**BAGS (OPEN-ENDED)**

Bibby & Baron Ltd.
Colodense Ltd.
DRG Sacks
Dickinson, John, & Co. Ltd.
Spicer-Cowan Ltd.
Venus Packaging Ltd.

**BAGS (PADDED)**

Abbott's Packaging Ltd.
DRG Sacks
Dickinson, John, & Co. Ltd.
Spicer-Cowan Ltd.

**BAGS (POLYTHENE)**

Anglo-American Plastics Ltd.
Bakelite Xylonite Ltd.
BXL Flexible Packaging Division
Bibby & Baron Ltd.
Bowater Industrial Packaging Ltd., Perga Division
Brettsil Packaging Ltd.
British Cellophane Ltd.
British Visqueen Ltd.
Cheverton & Laidler Ltd.
Colodense Ltd.
Dairy Supply Co. Ltd.
Davidson, C., & Sons
Dickinson, John, & Co. Ltd.
Excelsior Plastics Ltd.
Metal Box Co. Ltd.
Preston, Thomas, Ltd.

Seebright Ventoplas Ltd.
Smith & Nephew Plastics Ltd.
Spicer-Cowan Ltd.
Swains Packaging Ltd.
Venus Packing Ltd.
Woollacott, Arthur, Ltd.

### BAGS (POLYTHENE) photo bio-degradable

U.K. Plastics Ltd.

### BAGS (RIGID PAPER)

Aston & Full Ltd.
Decoflex Ltd.
Spicer-Cowan Ltd.

### BAGS (SATCHEL)

Bibby & Baron Ltd.
Colodense Ltd.
Cooke, Alf., Ltd.
Davidson, C., & Sons
Decoflex Ltd.
Dickinson, John & Co. Ltd.
Page, E. J., & Co. Ltd.
Spicer-Cowan Ltd.
Stonehouse Paper & Bag Mills Ltd.
Venus Packaging Ltd.
Woollacott, Arthur, Ltd.

### BAGS (SELF-ADHESIVE)

Bibby & Baron Ltd.
Dickinson, John, & Co. Ltd.
Metal Box Co. Ltd.
Spicer-Cowan Ltd.
Woollacott, Arthur, Ltd.

### BAGS VACUUM PACKED (HEAT-SHRINKABLE)

Briess & Co. Ltd.
Grace, W. R., Ltd.
Spicer-Cowan Ltd.

### BAGS (VACUUM PACKING)

Borden (U.K.) Ltd.
Colodense Ltd.
Grace, W. & R., Ltd.
Graham, T. & R., Ltd.
Inplastic Ltd.
Metal Box Co. Ltd.
Pakcel Converters Ltd.
RWP Flexible Packaging
Smith & Nephew Plastics Ltd.
Spicer-Cowan Ltd.
Transparent Paper Ltd.
Venus Packaging Ltd.

### BAGS (VISCOSE FILM)

Bibby & Baron Ltd.
Brettsil Packaging Ltd.
British Cellophane Ltd.
Cheverton & Laidler Ltd.
Colodense Ltd.
Dickinson, John, & Co. Ltd.
Spicer-Cowan Ltd.
Stonehouse Paper & Bag Mills Ltd.
Transparent Paper Ltd.
Venus Packaging Ltd.
Woollacott, Arthur, Ltd.

### BAGS (WATERPROOF)

Bibby & Baron Ltd.
Briess & Co. Ltd.
British Sisalkraft Ltd.
British Visqueen Ltd.
Colodense Ltd.
DRG Sacks
Davidson, C., & Sons
Dickinson, John, & Co. Ltd.
Feltham, Walter H., & Sons Ltd.
Mardon Flexible Packaging Ltd.
Metal Box Co. Ltd.
Page, E. J., & Co. Ltd.
Smith & Nephew Plastics Ltd.
Spicer-Cowan Ltd.
Stonehouse Paper & Bag Mills Ltd.
Venus Packaging Ltd.
Woollacott, Arthur, Ltd.

### BAGS (WAXED)

Bibby & Baron Ltd.
DRG Sacks
Dickinson, John, & Co. Ltd.
Mardon Flexible Packaging Ltd.
Page, E. J., & Co. Ltd.
Spicer-Cowan Ltd.
Stonehouse Paper & Bag Mills Ltd.
Venus Packaging Ltd.
Woollacott, Arthur, Ltd.

### BAGS (WINDOW-FACED)

Bibby & Baron Ltd.
Colodense Ltd.
DRG Sacks
Dickinson, John, & Co. Ltd.
Metal Box Co. Ltd.
Spicer-Cowan Ltd.
Stace, Leonard, Ltd.
Tremletts Print & Packaging Ltd.
Woollacott, Arthur, Ltd.

### BALING MATERIALS

British Visqueen Ltd.
DRG Sacks
Power, F. A., Ltd.
3M United Kingdom Ltd.

### BLISTER PACKS

Dickinson, John, & Co. Ltd.
Finlay Packaging Ltd.

### BOTTLE CAPSULES

Betts & Company
Hunter, Thomas, Ltd.
Ideal Capsules Ltd.
U.G. Glass Containers Ltd.
Viscose Group Ltd.

### BOTTLE CLOSURES

*See Closures (Bottle)*

### BOTTLE STOPPERS (POLYTHENE)

Dines Plastics Ltd.
Metal Box Co. Ltd.
Montgomery, Daniel, & Son Ltd.
U.G. Glass Containers Ltd.
Ulster Crown Corks Ltd.

### BOTTLES & JARS (GLASS)

Barnett, Jack L., Ltd.
Beatson, Clark & Co. Ltd.
Johnsen & Jorgensen Ltd.
Lang, Jules, & Son
Redfearn National Glass Ltd.
Rockware Glass Ltd.
Ulster Crown Corks Ltd.
U.G. Glass Containers Ltd.

### BOTTLES & JARS (PLASTIC)

Bakelite Xylonite Ltd., Cascelloid Division
Barnett, Jack L., Ltd.
Cope Allman International Ltd.
Dines Plastics Ltd.
Metal Box Co. Ltd.
Paklite Ltd.
Smith's Containers Ltd.
U.G. Glass Containers Ltd.

### BOTTLES & JARS (POLYTHENE)

Anchor Chemical Developments Ltd.
Bakelite Xylonite Ltd., Cascelloid Division
Metal Box Co. Ltd.
Smith's Containers Ltd.
U.G. Glass Containers Ltd.

### BOTTLES & JARS (POTTERY)

Lang, Jules, & Son
Pearson & Co. (Chesterfield) Ltd.

### BOXES (CARDBOARD)

Abbott's Packaging Ltd.
Alliance Box Co. Ltd.
Boxes Ltd.
Brettsil Packaging Ltd.
Christie, Malcolm, Ltd.
Cleland, William W., Ltd.
Cundell Coutts Ltd.
Curtis, F. G., & Co. Ltd.
Davidson, C., & Sons
Finlay Packaging Ltd.
Laird, John, & Son Ltd.
Mardon Son & Hall Ltd.
Mono Containers Ltd.
Pontefract Box Co. Ltd.
Redmond, Philip, & Sons Ltd.
Remploy Ltd.
Robinson Boxes
Robinson Cartons & Printing
St. Regis International Ltd.
Taylowe Ltd.
Thames Case Ltd.
Venus Packaging Ltd.

### BOXES (CARDBOARD) fancy

Bowater Industrial Packaging Ltd., Foil Paper Products Division
Cleland, William W., Ltd.
Cundell Coutts Ltd.
Laird, John, & Son Ltd.
Remploy Ltd.
Robinson Boxes
Robinson Cartons & Printing
St. Regis International Ltd.
Thames Case Ltd.
Venus Packaging Ltd.

### BOXES (COLLAPSIBLE)

Bowater Packaging Ltd.
Boxes Ltd.
Brettsil Packaging Ltd.
C.P. Corrugated Cases Ltd.
Cleland, William W., Ltd.
Cooke, Alf., Ltd.
Cundell Coutts Ltd.
Curtis, F. G., & Co. Ltd.
Finlay Packaging Ltd.
Laird, John, & Son Ltd.
Mardon Son & Hall Ltd.
Metal Box Co. Ltd.
Redmond, Philip, & Sons Ltd.
Remploy Ltd.
Robinson Cartons & Printing
St. Regis International Ltd.
Taylowe Ltd.

### BOXES (COLLAPSIBLE) foil-lined

Boxes Ltd.
Cooke, Alf, Ltd.
Laird, John, & Son Ltd.
Metal Box Co. Ltd.
Robinson Cartons & Printing
St. Regis International Ltd.

### BOXES (METAL)

Avon Tin Printers Ltd.
Barr, Frederick, & Graham Ltd.
Dale, John, Ltd.
Huntley Boorne & Stevens Ltd.
Metal Box Co. Ltd.
Nacanco Ltd.
Reads Ltd.

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### BOXES (PAPERBOARD)

Boxes Ltd.
Cheverton & Laidler Ltd.
Christie, Malcolm, Ltd.
Cooke, Alf., Ltd.
Cundell Coutts Ltd.
Curtis, F. G., & Co. Ltd.
Davidson, C., & Sons
Finlay Packaging Ltd.
Laird, John, & Son Ltd.
Mardon Son & Hall Ltd.
Metal Box Co. Ltd.
Pontefract Box Co. Ltd.
Redmond, Philip, & Sons Ltd.
Robinson Boxes

### BOXES (PLASTIC)

Airfix Plastics Ltd.
Barnett, Jack L., Ltd
Betts & Company
Cundell Coutts Ltd.
Dale, John, Ltd.
Dines Plastics Ltd.
Finlay Packaging Ltd.
Robinson Thermoforming
Thurgar Bolle Ltd.
U.M.P. Venesta Ltd.
Wye Plastics

### BOXES (TIN)

Avon Tin Printers Ltd.
Barr, Frederick, & Graham Ltd.
Dale, John, Ltd.
Huntley Boorne & Stevens Ltd.
Mardon Illingworth Ltd.
Metal Box Co. Ltd.
Nacanco Ltd.
Reads Ltd.

### BOXES (TRANSPARENT)

Betts & Company
Dickinson, John, & Co. Ltd.
Dines Plastics Ltd.
Robinson Boxes

### BOXES (WOODEN)

Dairy Supply Co.
Gibson, C. J., & Co. Ltd.
Groom, W., Ltd.

Redmond, Philip, & Sons Ltd.
Remploy Ltd.
West, W. W., Ltd.

### CAN SEALING COMPOUNDS

Grace, W. & R., Ltd.
Rubber Latex Ltd.

### CAN SEAM DOPES & SIDE SEAM CEMENT

Grace, W. & R., Ltd.

### CANS (DECORATED)

Avon Tin Printers Ltd.
Betts & Company
Crown Cork Co. Ltd.
Huntley, Boorne & Stevens Ltd.
Mardon Illingworth Ltd.
Metal Box Co. Ltd.
Nacanco Ltd.
Reads Ltd.
U.M.P. Venesta Ltd.

### CANS (PLAIN)

Avon Tin Printers Ltd.
Betts & Company
Crown Cork Co. Ltd.
Huntley, Boorne & Stevens Ltd.
Mardon Illingworth Ltd.
Metal Box Co. Ltd.
Nacanco Ltd.
Reads Ltd.
U.M.P. Venesta Ltd.

### CAP & CLOSURE SEALING COMPOUNDS

Grace, W. & R., Ltd.
Rubber Latex Ltd.

### CAPSULES (GELATINE)

Regent Laboratories Ltd.
Scherer, R. P., Ltd.

### CARDBOARD

DRG Merton Packaging
Davidson, C., & Sons
Dickinson, John, & Co. Ltd.
Finlay Packaging Ltd.
Laird, John, & Son Ltd.
Mitcham Cardboards Ltd.
Remploy Ltd.
Robinson Cartons & Printing
St. Anne's Board Mill Co. Ltd.
Spicer-Cowan Ltd.
Vale Board Mills Ltd.

### CARTONS (CARDBOARD)

Abbott's Packaging Ltd.
Bowater Flexible Packaging Ltd.
Boxes Ltd.
Boxfoldia Ltd.
Boxpak Ltd.
Cheverton & Laidler Ltd.
Christie, Malcolm Ltd.
Cleland, William W., Ltd.
Cooke, Alf, Ltd.
Cundell Coutts Ltd.
Curtis, F. G., & Co. Ltd.
Davidson, C., & Sons
Finlay Packaging Ltd.
Laird, John, & Son Ltd.
Landor Cartons Ltd.
Lily Cups and Containers (England) Ltd.
Mardon Son & Hall Ltd.
Metal Box Co. Ltd.
Page, E. J., & Co. Ltd.
Pembroke Packaging Ltd.
Pontefract Box Co. Ltd
Preston, Thomas, (Harlow) Ltd.
Redmond, Philip, & Sons Ltd.
Remploy Ltd.
Robinson Cartons & Printing
St. Regis International Ltd.
Taylowe Ltd.
Thames Case Ltd.
Thyne, William, Ltd.
Tillotsons (Liverpool) Ltd

### CARTONS (CORRUGATED)

Abbott's Packaging Ltd.
Alliance Box Co. Ltd.
Bowater Containers Ltd.
Bowater Flexible Packaging Ltd.
C. P. Corugated Cases Ltd.
Cundell Coutts Ltd.
Curtis, F. G., & Co. Ltd.
English Corrugating Paper Co.

MacMillan Bloedel Containers Ltd.
Redmond, Philip, & Sons Ltd.
Reed Corrugated Cases Ltd.
Remploy Ltd.
St. Regis International Ltd.
Thames Case Ltd.

### CARTONS (CORRUGATED) waterproof

Abbott's Packaging Ltd.
Bowater Containers Ltd.
Bowater Flexible Packaging Ltd.
C. P. Corrugated Cases Ltd.
Redmond, Philip, & Sons Ltd.
Reed Corrugated Cases Ltd.
St. Regis International Ltd.

### CARTONS (CORRUGATED) wax-coated

Alliance Box Co. Ld.
Bowater Containers Ltd.
Bowater Flexible Packaging Ltd.
St. Regis International Ltd.

### CARTONS (CORRUGATED) wax-impregnated

Bowater Containers Ltd.
Bowater Flexible Packaging Ltd.

### CARTONS (DISPLAY)

Bowater Containers Ltd.
Bowater Flexible Packaging Ltd.
Bowater Industrial Packaging Ltd.
  Foil & Paper Products Division.
Boxes Ltd.
Boxfoldia Ltd.
Cheverton & Laidler Ltd.
Cleland, William W., Ltd.
Cooke, Alf., Ltd.
Cundell Coutts Ltd.
Curtis, F. G., & Co. Ltd.
Davidson, C., & Sons
Finlay Packaging Ltd.
Laird, John, & Son Ltd.
Landor Cartons Ltd.
Mardon Son & Hall Ltd.
Metal Box Co. Ltd.
Page, E. J., & Co. Ltd.
Pembroke Packaging Ltd.
Pontefract Box Co. Ltd.
Preston, Thomas, (Harlow) Ltd.
Remploy Ltd.
Robinson Cartons & Printing
St. Regis International Ltd.
Taylowe Ltd.
Thyne, William, Ltd.
Tillotsons (Liverpool) Ltd.

### CARTONS (FIBREBOARD)

*See Cases (Fibreboard)*

### CARTONS (LINED) greaseproof

Bowater Flexible Packaging Ltd.
Boxfoldia Ltd.
Brettsil Packaging Ltd.
Cheverton & Laidler Ltd.
Christie, Malcolm Ltd.
Cooke, Alf, Ltd.
Finlay Packaging Ltd.
Laird, John, & Son Ltd.
Landor Cartons Ltd.
Mardon Son & Hall Ltd
Metal Box Co. Ltd.
Pembroke Packaging Ltd.
Preston, Thomas (Harlow) Ltd.
Taylowe Ltd.
Thyne, William, Ltd.
Tillotsons (Liverpool) Ltd.

### CARTONS (POLYTHENE COATED)

Tetra Pak Ltd.

### CARTONS (WATERPROOF)

DRG Merton Packaging

### CARTONS (WAXED)

Abbott's Packaging Ltd.
Bowater Flexible Packaging Ltd.
Bowater Industrial Packaging Ltd.
  Perga Division.
Boxfoldia Ltd.
Chambon Products Ltd.
Cheverton & Laidler Ltd.
Cooke, Alf, Ltd.
Finlay Packaging Ltd.
Lily Cups and Containers
  (England) Ltd.

Mardon Son & Hall Ltd.
Metal Box Co. Ltd.
Mono Containers Ltd.
Preston, Thomas (Harlow) Ltd.
Robinson Cartons & Printing
St. Regis International Ltd.
Thyne, William, Ltd.
Tillotsons (Liverpool) Ltd.

### CARTONS (WINDOW)

Bowater Flexible Packaging Ltd.
Boxes Ltd.
Boxfoldia Ltd.
Brettsil Packaging Ltd.
Cheverton & Laidler Ltd.
Cleland, William W., Ltd.
Cooke, Alf, Ltd.
Cundell Coutts Ltd.
Finlay Packaging Ltd.
Laird, John, & Son Ltd.
Landor Cartons Ltd.
Mardon Son & Hall Ltd.
Metal Box Co. Ltd.
Pontefract Box Co. Ltd.
Preston, Thomas (Harlow) Ltd.
Robinson Cartons & Printing
St. Regis International Ltd.
Taylowe Ltd.
Thyne, William, Ltd.
Tillotsons (Liverpool) Ltd.

### CASE PAPER LINERS

Abbott's Packaging Ltd.
Bowater Industrial Packaging Ltd.
  Foil & Paper Products Division.
Boxpak Ltd.
British Sisalkraft Ltd.
DRG Sacks
Davidson, C., & Sons
Lloyd, Nathaniel, & Co. Ltd.
Mardon Flexible Packaging Ltd.
Page, E. J., & Co. Ltd.
RWP Flexible Packaging
Spicer-Cowan Ltd.
Stace, Leonard, Ltd.
Woollacott, Arthur, Ltd.

### CASES (FIBREBOARD)

DRG Merton Packaging
Pontefract Box Co. Ltd.
Redmond, Philip, & Sons Ltd.
Remploy Ltd.
St. Regis International Ltd.
South Wales Patent Metal Box
Thames Case Ltd.

### CASES (FIBREBOARD CORRUGATED)

Alliance Box Co. Ltd.
Bowater Containers Ltd.
C. P. Corrugated Cases Ltd.
English Corrugating Paper Co. Ltd.
MacMillan Bloedel Containers Ltd.
Redmond, Philip, & Sons Ltd.
Reed Corrugated Cases Ltd.
Remploy Ltd.
St. Regis International Ltd.
Thames Case Ltd.
West, W. K. Ltd.

### CASES (PLYWOOD)

Dairy Supply Co.
Gibson, C. J., & Co. Ltd.
Redmond, Philip, & Sons Ltd.
Remploy Ltd.
West, W. K., Ltd.

### CASKS

*See Barrels*

### CLOSURE LINERS

*See Liners (Closure)*

### CLOSURES (BAG)

Bibby & Baron Ltd.
Cheverton & Laidler Ltd.
Dickinson, John, & Co. Ltd.
Dines Plastics Ltd.
Mardon Flexible Packaging Ltd.
3M United Kingdom Ltd.

### CLOSURES (BOTTLE)

Barnett, Jack L., Ltd.
Betts & Company
Crown Cork Co. Ltd.
Dale, John, Ltd.
Hunter, Thomas, Ltd.
Johnsen & Jorgensen Ltd.
Metal Box Co. Ltd.
Metal Closures Ltd.

Montgomery, Daniel, & Son Ltd.
Pioneer Plastic Containers Ltd.
Smith's Containers Ltd.
3M United Kingdom Ltd.
U.G. Closures & Plastics Ltd.
Ulster Crown Corks Ltd.
U.G. Glass Containers Ltd.
U.M.P. Venesta Ltd.
Viscose Group Ltd.
Wicanders (Great Britain) Ltd.

### CLOSURES (JAR)

Barnett, Jack L., Ltd.
Betts & Company
Dale, John, Ltd.
Hunter, Thomas, Ltd.
Johnsen & Jorgensen Ltd.
Key Glassworks Ltd.
Metal Box Co. Ltd.
Metal Closures Ltd.
Pioneer Plastic Containers Ltd.
Smith's Containers Ltd.
3M United Kingdom Ltd.
U.G. Closures & Plastics Ltd.
U.G. Glass Containers Ltd.
U.M.P. Venesta Ltd.
Wicanders (Great Britain) Ltd.

### CLOSURES (METAL)

Avon Tin Printers Ltd.
Barnett, Jack L., Ltd.
Crown Cork Co. Ltd.
Dale, John, Ltd.
Hunter, Thomas, Ltd.
Johnsen & Jorgensen Ltd.
Key Glassworks Ltd.
Mardon Illingworth Ltd.
Metal Box Co. Ltd.
Metal Box Co. Ltd. (Wallis Tin Stamping Branch)
Metal Closures Ltd.
Montgomery, Daniel, & Son Ltd.
Reads Ltd.
3M United Kingdom Ltd.
U.G. Closures & Plastics Ltd.
Ulster Crown Corks Ltd.
Van Leer (U.K.) Ltd.
Whitecap International Ltd.
Wicanders (Great Britain) Ltd.

### CLOSURES (PAPER)

**preserve jars**

Chambon Products Ltd.
Pioneer Plastic Containers Ltd.
3M United Kingdom Ltd.

### CLOSURES (PLASTIC)

Barnett, Jack L., Ltd.
Betts & Company
DRG Cups
Dale, John, Ltd.
Dines Plastics Ltd.
Inplastic Ltd.
Johnsen & Jorgensen Ltd.
Key Glassworks Ltd.
Manor Plastics Ltd.
Mardon Illingworth Ltd.
Metal Box Co. Ltd.
Mono Containers Ltd.
Montgomery, Daniel, & Son Ltd
Smith's Containers Ltd.
Sweetheart Plastics Ltd.
U.G. Closures & Plastics Ltd.
U.G. Glass Containers Ltd.
Ulster Crown Corks Ltd.
U.M.P. Venesta Ltd.
Wicanders (Great Britain) Ltd.

### CONTAINERS (ALUMINIUM FOIL)

*See Aluminium Foil Containers*

### CONTAINERS (CYLINDRICAL)

**cardboard**

DRG Merton Packaging
Spicer-Cowan Ltd.
Tube Winding (Paper) Co. Ltd.

### CONTAINERS (CYLINDRICAL)

**cardboard & metal**

Avon Tin Printers Ltd.
DRG Merton Packaging
Metal Box Ltd.
Robinson Boxes
Spicer-Cowan Ltd.

### CONTAINERS (HARDBOARD)

West, W. K., Ltd.

### CONTAINERS (POLYSTYRENE)

Betts & Company
Cope Allman International Ltd.
DRG Cups
Dines Plastics Ltd.
Finlay Packaging Ltd.
Inplastic Ltd.
Johnsen & Jorgensen Ltd.
Mardon Illingworth Ltd.
Metal Box Co. Ltd.
Mono Containers Ltd.
Pioneer Plastic Containers Ltd.
Pontefract Box Co. Ltd.
Robinson Thermoforming
Sweetheart Plastics Ltd.
U.G. Closures & Plastics Ltd.
Wye Plastics

### CONTAINERS (POLYTHENE)

Airfix Plastics Ltd.
Anchor Chemical Developments Ltd.
Bakelite Xylonite Ltd., Cacselloid Division
Betts & Company
Dines Plastics Ltd.
Johnsen & Jorgensen Ltd.
Mardon Illingworth Ltd.
Metal Box Co. Ltd.
P.D. (Technical Mouldings) Ltd.
Paklite Ltd.
Polythene Drums Ltd.
Smith's Containers Ltd.
Stress Free Plastics Ltd.
Tanks & Drums Ltd.
Thurgar Bolle Ltd.
U.G. Closures & Plastics Ltd.
U.M.P. Venesta Ltd.
Van Leer (U.K.) Ltd.
Wye Plastics

### CONTAINERS (TIN)

Avon Tin Printers Ltd.
Barr, Frederick, & Graham Ltd.
Dale, John, Ltd.
Huntley, Boorne & Stevens Ltd.
Mardon Illingworth Ltd.
Metal Box Co. Ltd.
Nacanco Ltd.
Reads Ltd.
Tanks & Drums Ltd.
U.G. Glass Containers Ltd.

### CORK DISCS

Barnett, Jack L., Ltd.
Bathgate & Co. (Cork) Ltd.
Crown Cork Co. Ltd.
Johnsen & Jorgensen Ltd.
Ulster Crown Corks Ltd.
Wicanders (Great Britain) Ltd.

### CORK WADS

Barnett, Jack L., Ltd.
Bathgate & Co. (Cork) Ltd.
Johnsen & Jorgensen Ltd.
Wicanders (Great Britain) Ltd.

### CORKS

Barthes-Roberts Ltd.
Bathgate & Co. (Cork) Ltd.
Montgomery, Daniel, & Son Ltd.
U.G. Closures & Plastics Ltd.
Ulster Crown Corks Ltd.

### CROWN CORKS

Crown Cork Co. Ltd.
U.G. Closures & Plastics Ltd.
Ulster Crown Corks Ltd.

### CUPS (CRIMPED METAL)

Alcan Ekco Ltd.
Alcoa Foils (G.B.) Ltd.
Cheverton & Laidler Ltd.
Garfield, William, Ltd.
London Aluminium Co. Ltd.
Star Container Products
Woollacott, Arthur, Ltd.

### CUPS (CRIMPED PAPER)

Bowater Industrial Packaging Ltd. Foil & Paper Products Division
Boxpak Ltd.
Cheverton & Laidler Ltd.
Woollacott, Arthur, Ltd.

### CUPS (PAPER BOARD)

Cheverton & Laidler Ltd.
DRG Cups
Mono Containers Ltd.

### CUPS (PLASTIC)

Cheverton & Laidler Ltd.
DRG Cups
Dairy Supply Co.
Inplastic Ltd.
Johnsen & Jorgensen Ltd.
Metal Box Co. Ltd.
Mono Containers Ltd.
Pioneer Plastic Containers Ltd.
Wye Plastics

### DISCS (MILK BOTTLE)

Dairy Supply Co.

### DISPENSERS (ADHESIVE TAPE)

Abbott's Packaging Ltd.
Carrs (Paper) Ltd.
Davis, Leon, & Co. Ltd.
Dickinson, John, & Co. Ltd.
Gosheron, John, & Co. Ltd.
Jones, Samuel, & Co. Ltd.
Sellotape Products U.K.
Smith & McLaurin Ltd.
3M United Kingdom Ltd.
Universal Tape Printing Co.
Wincanton Transport & Engineering Co. Ltd.

### FILM (METALLISED)

British Cellophane Ltd.
Camvac Products
Universal Tape Printing Co.

### FOILS (ALUMINIUM)

Alcan Ekco Ltd.
Alcan Foils Ltd.
Alcoa Foils (G.B.) Ltd.
Aluminium Foils Ltd.
Bowater Industrial Packaging Ltd.
  Foil & Paper Products Division
Brand Packaging Ltd.
Chambon Products Ltd.
Garfield, William, Ltd.
Jones, Samuel, & Co. Ltd.
Koters (Liverpool) Ltd.
Macleans Printed Packaging
Mardon Flexible Packaging Ltd.
Woollacott, Arthur, Ltd.

### FOILS (BLOCKING)

Camvac Products
Markmaster (Trading) Ltd.
Milford-Astor Ltd.
Venus Packaging Ltd.
Whiley, George M., Ltd.

### FOILS (CAPSULES)

Bathgate & Co. (Cork) Ltd.
Betts & Co. Ltd.
Ideal Capsules Ltd.

### FOILS (HEAT SEAL) lacquered

Alcan Foils Ltd.
Alcoa Foils (G.B.) Ltd.
Aluminium Foils Ltd.
Brand Packaging Ltd.
Chambon Products Ltd.
Colodense Ltd.
Koters (Liverpool) Ltd.
Maclean's Printed Packaging
RWP Flexible Packaging
Woollacott, Arthur, Ltd.

### FOILS (PAPER-BACKED)

Alcan Foils Ltd.
Alcoa Foils (G.B.) Ltd.
Aluminium Foils Ltd.
Bowater Flexible Packaging Ltd.
Brand Packaging Ltd.
British Sisalkraft Ltd.
Carrs (Paper) Ltd.
Chambon Products Ltd.
Davidson, C. & Sons
Jones, Samuel, & Co. Ltd.
Koters (Liverpool) Ltd.
Macleans Printed Packaging
Mardon Flexible Packaging Ltd.
Metal Box Co. Ltd.
Mitcham Cardboards Ltd.
RWP Flexible Packaging

Spicer-Cowan Ltd.
Venus Packaging Ltd.
Woollacott, Arthur, Ltd.

### FOILS (POLYTHENE LINED)

Alcan Foils Ltd.
Alcoa Foils (G.B.) Ltd.
Aluminium Foils Ltd.
Bowater Flexible Packaging Ltd.
Brand Packaging Ltd.
Graham, T. & R., Ltd.
Koters (Liverpool) Ltd.
Metal Box Co. Ltd.
Pakcel Converters Ltd.
RWP Flexible Packaging
Star Aluminium Co. Ltd.
Woollacott, Arthur, Ltd.

### GUMMED PAPER TAPE

Abbott's Packaging Ltd.
Carrs (Paper) Ltd.
Davis, Leon & Co. Ltd.
Dickinson, John, & Co. Ltd.
Gosheron, John, & Co. Ltd.
Jones, Samuel, & Co. Ltd.
Smith & McLaurin Ltd.
Spicer-Cowan Ltd.

### LABEL DISPENSERS

Dickinson, John, & Co. Ltd.
Gosheron, John, & Co. Ltd.
Harlands of Hull Ltd.
Jones, Samuel, & Co. Ltd.
Milford-Astor Ltd.
Norprint Ltd.
Paperwork Holdings Ltd.
Payne, P. P., Ltd.
Sessions, William, Ltd.
Smith & McLaurin Ltd.

### LABELS (FOIL)

Alcan Foils Ltd.
Chambon Products Ltd.
Harlands of Hull Ltd.
Jones, Samuel, & Co. Ltd.
Mardon Flexible Packaging Ltd.
Metal Box Co. Ltd.
Milford-Astor Ltd.
Norprint Ltd.
Ormerods Ltd.
Paperwork Holdings Ltd.
RWP Flexible Packaging
Sessions, William, Ltd.
3M United Kingdom Ltd.

### LABELS (GUMMED)

Chambon Products Ltd.
Christie, Malcolm Ltd.
Cleland, William W., Ltd.
Cooke, Alf, Ltd.
Davidson, C., & Sons
Davis, Leon, & Co. Ltd.
Dickinson, John, & Co. Ltd.
Finlay Packaging Ltd.
Gosheron, John, & Co. Ltd
Harlands of Hull Ltd.
Inveresk Paper Co. Ltd.
Jones, Samuel, & Co. Ltd.
Metal Box Co. Ltd.
Milford-Astor Ltd.
Norprint Ltd.
Ormerods Ltd.
Paperwork Holdings Ltd.
Sessions, William, Ltd.
Speedwork Labels Ltd.

### LABELS (HEAT-SEAL)

Cleland, William W., Ltd.
Inveresk Paper Co. Ltd.
Jones, Samuel, & Co. Ltd.
Norprint Ltd.
Paperwork Holdings Ltd.

### LABELS (SELF-ADHESIVE)

Abbott's Packaging Ltd.
Cheverton & Laidler Ltd.
Christie, Malcolm Ltd.
Cleland, William W., Ltd.
Davis, Leon, & Co. Ltd.
Dickinson, John, & Co. Ltd.
Gosheron, John, & Co. Ltd.
Harlands of Hull Ltd.
Industrial Tapes Ltd.
Ingham Clark, Robert, & Co.
Jones, Samuel & Co. Ltd.
Metal Box Co. Ltd.
Milford-Astor Ltd.
Nopi Ltd.
Norprint Ltd.
Ormerods Ltd.
Paperwork Holdings Ltd.

Sellotape Products U.K.
Sessions, William, Ltd.
Speedwork Labels Ltd.
Spicer-Cowan Ltd.
3M United Kingdom Ltd.
U.K. Plastics Ltd.

### LACQUERS

Holden, Arthur, & Sons Ltd.
International Pinchin Johnson
RWP Flexible Packaging

### LAMINATED BOARDS (VAPOUR-PROOF)

Alcan Foils Ltd.
Aluminium Foils Ltd.
Bowater Flexible Packaging Ltd.
Camvac Products
Mitcham Cardboards Ltd.
St. Anne's Board Mill Co. Ltd.
Spicer-Cowan Ltd.

### LAMINATED BOARDS (WEATHERPROOF)

DRG Merton Packaging
Mitcham Cardboards Ltd.
Spicer-Cowan Ltd.
Stace, Leonard, Ltd.

### LAMINATES (FILM)

**Thermo-formable**

Brand Packaging Ltd.
Briess & Co. Ltd.
Grace, W. R., Ltd.
Transparent Paper Ltd.

### LAMINATES (HEAT-SEALABLE)

Alcoa Foils (G.B.) Ltd.
Aluminium Foils Ltd.
Bowater Flexible Packaging Ltd.
Brand Packaging Ltd.
British Cellophane Ltd.
Chambon Products Ltd.
Clyde Paper Co. Ltd.
Colodense Ltd.
Grace, W. R., Ltd.
Graham, T. & R., Ltd.
Koters (Liverpool) Ltd.
Mardon Flexible Packaging Ltd.
Metal Box Co. Ltd.
Pakcel Converters Ltd.
RWP Flexible Packaging
Smith & Nephew Plastics Ltd.
Spicer-Cowan Ltd.
Transparent Paper Ltd.
Woollacott, Arthur, Ltd.

### LAMINATES (RIGID)

**Thermo-formable**

Briess & Co. Ltd.
Grace, W. R., Ltd.

### LAMINATES (RETORT PROCESSING)

Briess & Co. Ltd.
Grace, W. R., Ltd.

### LINERS (CLOSURES)

British Visqueen Ltd.
Johnsen & Jorgensen Ltd.
Manor Plastics Ltd.
Woollacott, Arthur, Ltd.

### MULTIPLE PACK SLEEVES

**(bottle & can)**

Marden Son & Hall Ltd.
St. Regis International Ltd.
Tillotstons (Liverpool) Ltd.

### PACKAGING SYSTEMS

Perfarap Ltd.
Thames Case Ltd.

### PAPERS (ACID-FREE TISSUES)

Abbott's Packaging Ltd.
Spicer-Cowan Ltd.
Woollacott, Arthur, Ltd.

### PAPERS (CAP)

Abbott's Packaging Ltd.
Barnett, Jack L., Ltd.
Spicer-Cowan Ltd.
Stonehouse Paper & Bag Mills
Woollacott, Arthur, Ltd.

### PAPERS (CHOCOLATE DROPPING)

Mardon Flexible Packaging Ltd.
Smith & McLaurin Ltd.

### PAPERS (COATED)

Abbott's Packaging Ltd.
Bowater Flexible Packaging Ltd.
Carrs Paper Ltd.
Dickinson, John, & Co. Ltd.
Inveresk Paper Co. Ltd.
Jones, Samuel, & Co. Ltd.
RWP Flexible Packaging
Smith & McLaurin Ltd.
Spicer-Cowan Ltd.
Stace, Leonard, Ltd.
Transparent Paper Ltd.
Woollacott, Arthur, Ltd.

### PAPERS (CORRUGATED)

Abbott's Packaging Ltd.
Carrs (Paper) Ltd.
English Corrugating Paper Co. Ltd.
Reed Corrugated Cases Ltd.
St. Regis International Ltd.
Spicer-Cowan Ltd.
Woollacott, Arthur, Ltd

### PAPERS (FANCY)

Inveresk Paper Co. Ltd.
Spicer-Cowan Ltd.

### PAPERS (FLOCK)

Jones, Samuel, & Co. Ltd.
Spicer-Cowan Ltd.

### PAPERS (GLASSINE)

**corrugated**
Abbott's Packaging Ltd.
Carrs (Paper) Ltd.
Reed Corrugated Cases Ltd.
Spicer-Cowan Ltd.
Woollacott, Arthur, Ltd.

### PAPERS (GREASEPROOF)

Abbott's Packaging Ltd.
Aston & Full Ltd.
Bibby & Baron Ltd.
Carrs (Paper) Ltd.
Cheverton & Laidler Ltd.
Finlay Packaging Ltd.
Reed Corrugated Cases Ltd.
Spicer-Cowan Ltd.
Stonehouse Paper & Bag Mills
Woollacott, Arthur, Ltd.

### PAPERS (GREASEPROOF)

**corrugated**

Abbott's Packaging Ltd.
Carrs (Paper) Ltd.
Cheverton & Laidler Ltd.
Lloyd, Nathaniel, & Co. Ltd.
Reed Corrugated Cases Ltd.
Spicer-Cowan Ltd.
Woollacott, Arthur, Ltd.

### PAPERS (GUMMED)

Davis, Leon, & Co. Ltd.
Dickinson, John, & Co. Ltd.
Finlay Packaging Ltd.
Inveresk Paper Co. Ltd.
Jones, Samuel, & Co. Ltd.
Lloyd, Nathaniel, & Co. Ltd.
Smith & McLaurin Ltd.
Spicer-Cowan Ltd.

### PAPERS (HEAT-SEAL)

Brand Packaging Ltd.
Chambon Products Ltd.
Clyde Paper Co. Ltd.
Davis, Leon, & Co. Ltd.
Finlay Packaging Ltd.
Inveresk Paper Co. Ltd.
Jones, Samuel, & Co. Ltd.
Koters (Liverpool) Ltd.
Mardon Flexible Packaging Ltd.
RWP Flexible Packaging
Smith & McLaurin Ltd.
Spicer-Cowan Ltd.
Transparent Paper Ltd.
Woollacott, Arthur, Ltd.

### PAPERS (KRAFT)

Abbott's Packaging Ltd.
Bibby & Baron Ltd.
Brand Packaging Ltd.
Cooke & Nuttall Ltd.

DRG Sacks
Davidson, C., & Sons
Spicer-Cowan Ltd.
Stonehouse Paper & Bag Mills
Woollacott, Arthur, Ltd.

**PAPERS (METAL-LINED)**

Alcoa Foils (G.B.) Ltd.
Brand Packaging Ltd.
Chambon Products Ltd.
Jones, Samuel, & Co. Ltd.
Macleans Printed Packaging
Mardon Flexible Packaging Ltd.
RWP Flexible Packaging
St. Regis International Ltd.
Spicer-Cowan Ltd.
Star Aluminium Co. Ltd.
Woollacott, Arthur, Ltd.

**PAPERS (METALLISED)**

Camvac Products

**PAPERS (PARCHMENT)**

Abbott's Packaging Ltd.
Aston & Full Ltd.
Bibby & Baron Ltd.
Dickinson, John, & Co. Ltd.
Spicer-Cowan Ltd.
Stonehouse Paper & Bag Mills
Woollacott, Arthur, Ltd.

**PAPERS (SULPHITE)**

Abbott's Packaging Ltd.
Bibby & Baron Ltd.
Brand Packaging Ltd.
Cooke & Nuttall Ltd.
Davidson, C., & Sons
Finlay Packaging Ltd.
Garnett, P., & Sons Ltd.
Spicer-Cowan Ltd.
Stonehouse Paper & Bag Mills
Woollacott, Arthur, Ltd.

**PAPERS (TAPE)**

Abbott's Packaging Ltd.
Davis, Leon, & Co. Ltd.
Dickinson, John, & Co. Ltd.
Gosheron, John, & Co. Ltd.
Smith & McLaurin Ltd.
Spicer-Cowan Ltd.
Woollacott, Arthur, Ltd.

**PAPERS (WATERPROOF)**

Abbott's Packaging Ltd.
Bibby & Baron Ltd.
Brand Packaging Ltd.
British Sisalkraft Ltd.
Carrs (Paper) Ltd.
Davidson, C., & Sons
Inveresk Paper Co. Ltd.
Mardon Flexible Packaging Ltd.
RWP Flexible Packaging
St. Regis International Ltd.
Spicer-Cowan Ltd.
Woollacott, Arthur, Ltd.

**PAPERS (WAXED)**

Abbott's Packaging Ltd.
Bibby & Baron Ltd.
Bowater Flexible Packaging Ltd.
Brand Packaging Ltd.
Carrs (Paper) Ltd.
Davidson, C., & Sons
Finlay Packaging Ltd.
Koters (Liverpool) Ltd.
Mardon Flexible Packaging Ltd.
RWP Flexible Packaging
Reed Corrugated Cases Ltd.
Spicer-Cowan Ltd.
Stace, Leonard, Ltd.
Stonehouse Paper & Bag Mills
Woollacott, Arthur Ltd.

**PAPERS (WET-STRENGTH}**

Abbott's Packaging Ltd.
Bibby & Baron Ltd.
Cooke & Nuttall Ltd.
DRG Sacks
Garnett, P., & Son Ltd.
Inveresk Paper Co. Ltd.
St. Regis International Ltd.
Spicer-Cowan Ltd.
Woollacott, Arthur Ltd.

**PAPERS (WRAPPING)**

Abbott's Packaging Ltd.
Bibby & Baron Ltd.
Bowater Flexible Packaging Ltd.
Cooke & Nuttall Ltd.
Davidson, C., & Sons
Decoflex Ltd.

Dickinson, John, & Co. Ltd.
English Corrugating Paper Co. Ltd.
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Kent, DA11 9BZ.
*Tel. Greenhithe* 3333.
*Telex:* 896095.

**Dairy Supply Co.**
**(Wincanton Engineering Ltd.),**
Whitby Avenue,
London, N.W.10.
*Tel.* 01-965 4601.
*TA. " Dairy Supply London N.W.*10."

**Dale, John, Ltd.,**
14, Brunswick Park Road,
London, N11 1JL.
*Tel.* 01-368 1272.
*TA. "Jondale London Telex."*
*Telex:* 23808.

**Davidson, C., & Sons,**
Mugiemoss Mills,
Bucksburn, Aberdeen.
*Tel. Bucksburn* 2821.
*TA. " Paper Aberdeen."*
*Telex:* 73185.

**Davis, Leon, & Co. Ltd.,**
Davis House,
8, Scrubs Lane,
London, N.W.10.
*Tel.* 01-969 8201.
*T.A. " Gluewell, London, N.W.*10."

**Decoflex Ltd.,**
Carlisle Road,
London, N.W.9.
*Tel.* 01-205 6237.

**Dickinson, John, & Co. Ltd.,**
Apsley,
Hemel Hempstead,
Herts. HP3 9SS.
*Tel. Hemel Hempstead* 2124.
*Telex:* 82452.

**Dines Plastics Ltd.,**
Whitehall Lane,
Grays, Essex.
*Tel. Grays-Thurrock* 4675.
*T.A.: " Dinesplas."*
*Telex:* 897220 *Dinesplas Grays.*

**Dow Chemical Co. Ltd.,**
Heathrow House,
Bath Road,
Hounslow, TW5 9QY.
Middx.
*Tel.* 01-759 2600.
*T.A. " Dowchem, Hounslow."*
*Telex:* 934626.

**Duckham, Alexander, & Co. Ltd.,**
Wax Dept.,
Rainville Road,
Hammersmith, London, W.6.
*Tel.* 01-385 3300.

**English Corrugating Paper Co Ltd.,**
Portland Square,
Bristol, BS2 8SE.
*Tel. Bristol* 49541.
*TA. " Corrugated Bristol."*

**Evode Ltd.,**
Stafford.
*Tel. Stafford* 3191.
*Telex:* 36161.

**Excelsior Plastics Ltd.,**
Grandstand Road,
Hereford.
*Tel. Hereford* 67391.
*Telex:* 35297.

**Feltham, Walter H. & Son Ltd.,**
77-79, High Road,
London, N22 6BB.
*Tel.* 01-889 3431.

**Finlay Packaging Ltd.,**
300, Ballygomartin Road,
Belfast, BT13 3NN.
*Tel. Belfast* 45555.
*TA. " Finprint Belfast."*
*Telex:* 74265.

**Garfield, William, Ltd.,**
Florence Street,
Holloway Head,
Birmingham, 1.
*Tel.* 021-622 2303.

**Garnett, P., & Son Ltd.,**
Wharfeside, Otley, Yorks.
*Tel.* 09434 2202.
*Telex:* 51415.

**Gerrard Industries Ltd.,**
Kilnhurst,
Rotherham, S62 5SX,
South Yorkshire.
*Tel. Mexborough* 4611.
*Telex:* 547062.
*T.A. " Sunniest R'tham Telex."*

**Gibson, C. J., & Co. Ltd.,**
63-64, Ewer Street,
London, S.E.1.
*Tel.* 01-928 2227.

**Goodyear Tyre & Rubber Co. (Gt. Britain) Ltd.,**
Fordhouses,
Wolverhampton, WV10 7EL.
*Tel. Wolverhampton* 782701.
*Telex:* 338607.

**Gordian Strapping Ltd.,**
Gordian House,
Browells Lane,
Feltham, Middx. TW13 7EH.
*Tel.* 01-890 3383.
*TA. " Hiten Hounslow."*
*Telex:* 934912.

**Gosheron, John, & Co. Ltd.,**
The Packaging & Industrial Tape Centre,
58/60, Kensington Church Street,
London, W.8.
*Tel.* 01-937 8011.
*TA. " Gosheronic, W.8."*
*Telex:* 936593.

**Grace, W. R., Ltd.,**
Northdale House,
North Circular Road,
London, NW10 7UH.
*Tel.* 01-965 0611.
*TA. " Graceng London."*
*Telex:* 25139.

**Graham, T. & R., Ltd.,**
139, Renfrew Road,
Paisley, Scotland.
*Tel.* 041-889 4204.
*Telex:* 77718.

**Groom, W., Ltd.,**
West Marsh Road,
Spalding, Lincs., PE11 2BD.
*Tel. Spalding* 2301.
*TA. " Paramount Spalding."*
*Telex:* 32235.

**Harlands of Hull Ltd.,**
Land of Green Ginger House,
Springfield Way,
Anlaby, Hull, HU10 6RN.
*Tel.* 0482 561166.
*Telex:* 527138.

**Holden, Arthur, & Sons Ltd.,**
Bordesley Green Road,
Birmingham, B9 4TQ.
*Tel.* 021-772 2761.
*TA. " Varnish, Birmingham."*
*Telex:* 338029.

**Hunter, Thomas, Ltd.,**
Omnia Works,
Rugby, Warwicks.
*Tel. Rugby* 2011.
*TA. " Hunter Rugby."*
*Telex:* 31321.

**Huntley Boorne & Stevens Ltd.,**
Headley Road East,
Woodley, Reading, RG5 4SL.
Berks.
*Tel. Reading* (0734) 695151.
*TA. " H.B.S., Reading."*
*Telex:* 847657.

**Ideal Capsules Ltd.,**
Edinburgh Avenue,
Slough, Berks.
*Tel.* 75 22251.
*TA. " Iseal Slough."*

**Imperial Chemical Industries Ltd.,**
Plastics Division,
P.O. Box No. 6,
Bessemer Road,
Welwyn Garden City,
Herts. AL7 1HQ.
Tel. Welwyn Garden City 23400.
*Telex:* 264251 *Iciplast Welwyn.*
*T.A. " Iciplast Welwyn."*

**Inplastic Ltd.,**
Chapel Road,
Smallfield, Horley,
Surrey, RH6 9NS.
*Tel. Smallfield* 2228.

**International Pinchin Johnson, Packaging and Coil Coatings Division,**
Henrietta House,
9, Henrietta Place,
London, W1A 1AD.
*Tel.* 01-580 0831.
*TA. " Pinchindus London."*
*Telex:* 24544.

**Inveresk Paper Co. Ltd.,**
Clan House,
19, Tudor Street,
London, EC4Y 0BA.
*Tel.* 01-353 2323.
*Telex*: 21584.

**Johnsen & Jorgensen Ltd.,**
Herringham Road,
Charlton,
London, SE7 8NN.
*Tel.* 01-858 6141.
*TA. " Jorglas, London, Telex."*

**Jones, Samuel, & Co. Ltd.,**
Butterfly House,
Dingwall Road,
Croydon, CR9 3DA.
*Tel.* 01-686 5588.
*TA. " Butterfly, Croydon."*
*Telex:* 24438.

**Koters (Liverpool) Ltd.,**
Arcadia Works, Sefton Lane,
Maghull, nr. Liverpool.
*Tel.* 051-526 2246.
*Telex:* 627965.

**Laird, John, & Son,**
101, Carstairs Street,
Glasgow, G40 4JA.
*Tel.* 041-554 3701.
*Telex:* 77692.

**Landor Cartons,**
Landor Street,
Birmingham, B8 1AJ.
*Tel.* 021-327 2075.

**Lang, Jules, & Son,**
Farringdon Station Chambers,
Cowcross Street,
London, EC1M 6DH.
*Tel.* 01-253 9641.
*TA. " Assorted London* EC1."
*Telex:* (*London*) 23660.

**Lloyd, Nathaniel & Co. Ltd.,**
177, Abbey Street,,
London, SE1 2AN.
*Tel.* 01-237 1541.
*TA. "Individuality, London, S.E.1."*

**Maclean's Printed Packaging,**
Felix Works,
107, High Street,
London, E15 2QH.
*Tel.* 01-534 8931.
*Telex:* 896457.

**MacMillan Bloedel Containers Ltd.,**
24/30, King Street,
Watford, Herts.
*Tel. Watford* 42306/9.
*TA. "Hycorr Watford."*
*Telex*: 922375.

**Manor Plastics Ltd.,**
Manor Park Works,
Manor Park Road,
London, N.W.10.
*Tel.* 01-965 2872.

**Mardon Flexible Packaging Ltd.,**
P.O. Box 3,
Midsomer Norton,
Bath, BA3 4AA.
*Tel. Mid. Norton* (0761) 418761.
*Telex:* 44310.

**Mardon Illingworth Ltd.,**
Sutton-in-Ashfield,
Notts.
*Tel. Sutton-in-Ashfield* 5291.
*Telex:* 37535 *Marill-Sutash.*

**Mardon Son & Hall Ltd.,**
Temple Street,
Bristol, BS99 7PB.
*Tel.* 0272 24131.
*TA. "Mardon, Bristol."*
*Telex:* 44385.

**Markmaster (Trading) Ltd.,**
39, Victoria Street,
London, S.W.1.
*Tel.* 01-222 7171.
*TA. "Markmaster, London."*

**Metal Box Co. Ltd.,**
Queens House,
Forbury Road,
Reading, RG1 3JH.
*Tel.* 0734 581177.
*TA. "Metaboxes, Reading."*
*Telex:* 847451.

**Metal Box Co. Ltd.,**
Wallis Tin Stamping Branch,
Lake Road, Hamworthy,
Poole, Dorset.
*Tel.* 0201 34321.
*TA. "Hermetic, Poole, England."*
*Telex:* 41180.

**Metal Closures Ltd.,**
Bromford Lane,
West Bromwich, West Midlands,
B70 7HY.
*Tel.* 021-553 2900
*TA. "Closures West Bromwich."*
*Telex*: 33322.

**Milford-Astor Ltd.,**
Ladywell Trading Estate,
Eccles New Road,
Salford, M5 2DA.
*Tel.* 061-789 8131.
*TA. "Stadmil, Manchester 5."*
*Telex:* 668670.

**Mitcham Cardboards Ltd.,**
93-99, Beddington Lane,
Croydon, CR9 4EH, Surrey.
*Tel.* 01-684 3851.
*TA. "Micarbo Croydon."*
*Telex*: 946408.

**Mono Containers Ltd.,**
Malt House,
Field End Road,
Eastcote, Ruislip,
Middx.
*Tel.* 01-868 7242.
*TA. "Monservess, Ruislip."*

**Montgomery, Daniel, & Son Ltd.,**
Old Mill Park Industrial Estate,
Kirkintilloch,
Glasgow.
*Tel.* 041-776 5276.
*TA. " Corkings, Glasgow."*
*Telex:* 778095.

**Nacanco Ltd.,**
Salhouse Road,
Norwich, NOR 82R.
*Tel.* 0603 47313.
*Telex:* 97252.

**National Adhesives & Resins Ltd.,**
Galvin Road,
Slough, Berks., SL1 4DF.
*Tel. Slough* 29191.
*TA. " Nasprod Slough."*
*Telex:* 848386.

**Nopi Ltd.**
George House, George Street,
Huntingdon, Cambs., PE18 6BG.
*Tel.* 0480 55281.
*Telex:* 32194.

**Norprint Ltd.,**
Boston,
Lincs.
*Tel. Boston* 5161.
*Telex: Boston* 37578.

**Ormerods Ltd.,**
Hanging Road,
Rochdale, Lancs. OL12 6SA.
*Tel. Rochdale* 46808.

**P. D. (Technical Mouldings) Ltd.,**
Rotation House,
20, Mayday Road,
Thornton Heath,
Surrey CR4 7HL.
*Tel.* 01-689 4336.

**Page, E. J., & Co. Ltd.,**
Parkside Works,
Kimber Road,
London, SW18 4PE
*Tel.* 01-874 6544.

**Pakcel Converters Ltd.,**
Lancots Lane,
St. Helens,
Lancs.
*Tel. St. Helens* 20221.
*TA. " Pakcel, St. Helens."*
*Telex:* 62615.

**Paklite Ltd.,**
Denbigh Road,
Bletchley, Bucks.
*Tel.* (09082) 5621.
*TA. " Blowmould Bletchley."*

**Pakord Ltd.,**
Pakord House,
Brunel Road,
Basingstoke, Hants.
*Tel. Basingstoke* 24041.
*TA. " Pakord Basingstoke."*
*Telex:* 85341.

**Paperwork Holdings Ltd.,**
Church Street,
Dagenham, Essex., RM10 9UR.
*Tel.* 01-595 0021.

**Payne, P. P., Ltd.,**
P.O. Box 26,
Haydn Road,
Nottingham.
*Tel.* 0602 607221.
*TA. " Tape, Nottingham."*
*Telex:* 37176.

**Pearson & Co. (Chesterfield) Ltd.,**
The Potteries,
Whittington Moor,
Chesterfield, Derbyshire.
*Tel. Chesterfield* 71111.
*TA. "Pearsons, Whittington Moor."*
*Telex: Chamcon Sheffield* 54208.

**Pembroke Packaging Ltd.,**
Paycocke Road,
Basildon, Essex, SS14 3HP.
*Tel. Basildon* 20272.
*TA. " Pempack, Basildon."*
*Telex:* 99263.

**Perfarap Ltd.,**
M40 Industrial Centre,
Coronation Road,
High Wycombe
Bucks. HP12 3RS.
*Tel. High Wycombe* (0494) 36353
*Telex: Perfarap Hwyc* 837242.

**Pioneer Plastic Containers Ltd.,**
Great South West Road,
Bedfont, Feltham, Middx.
*Tel.* 01-890 7151.
*TA. " Capitall, Feltham."*

**Polythene Drums Ltd.,**
Glebe Road,
East Gillibrands,
Skelmersdale, Lancs.
*Tel. Skelmersdale* (0695) 23641.
*T.A. " Polydrums Skelmersdale."*

**Pontefract Box Co. Ltd.,**
King Street,
Pontefract, Yorks.
*Tel. Pontefract* 2026.

**Poppe Rubber Co. Ltd.,**
Sherland Works,
Sherland Road,
Twickenham, Middx.
*Tel.* 01-892 2271.
*TA. " Poppe Twickenham."*

**Power, F. A., Ltd.,**
Strapping Division,
Adderley Road,
Birmingham, B8 1AL.
*Tel.* 021-327 3601.
*TA. " Fapower Birmingham Telex."*
*Telex*: 33448.

**Preston, Thomas (Harlow) Ltd.,**
Clayton Works,
The Pinnacles,
Harlow, Essex.
*Tel. Harlow* 21691.

**RWP Flexible Packaging,**
Filwood Road,
Fishponds,
Bristol, BS16 3RY.
*Tel.* 0272 656232.
*Telex:* 44811.

**Rampart Inks Ltd.,**
18, Rivington Street.
London, EC2A 3DU
*Tel.* 01-739 7770.

**Rapfast Ltd.,**
Lyon Industrial Estate,
Hartspring Lane,
Watford, Herts.
*Tel. Watford* 33911.
*Telex*: 923111.

**Reads Ltd.,**
111, Uxbridge Road,
Ealing, London, W.5.
*Tel.* 01-579 5844.
*TA. " Redan Ldn."*
*Telex:* 934377.

**Redfearn National Glass Ltd.,**
46, Fishergate,
York, Y01 4AD.
*Tel. York* 23021.
*TA. " Natiworx York."*
*Telex:* 57891.

**Redmond, Philip, & Sons Ltd.,**
Cross Green Way,
Leeds, LS9 0SE.
*Tel. Leeds* 44811.
*Telex:* 557343.

**Reed Corrugated Cases Ltd.,**
Reed House,
Piccadilly,
London, W1A 1EJ.
*Tel.* 01-499 4020.
*TA. " Repap London W.1."*
*Telex:* 25771.

**Reed Medway Sacks Ltd.,**
Aylesford,
Maidstone, Kent.
*Tel. Maidstone* (0622) 7-7777.

**Regent Laboratories Ltd.,**
Cunard Road,
London, NW10 6PN.
*Tel.* 01-965 3637.
*TA. "Vitakap London."*
*Telex:* 25127.

**Remploy Ltd.,**
Remploy House,
415, Edgware Road,
London, NW2 6LR.
*Tel.* 01-452 8020.
*TA. "Remployed London, N.W.2."*
*Telex:* 23178.

**Robinson Boxes,**
Carsons Road,
Mangotsfield,
Nr. Bristol, BS17 3LN.
*Tel.* 0272 562525.
*Telex*: 44644.

**Robinson Cartons & Printing,**
Filwood Road,
Fishponds,
Bristol, BS16 3SB.
*Tel.* 0272 656222.
*Telex*: 44278.

**Robinson Thermoforming,**
The Ridge Factory,
Yate,
Bristol, BS17 5AA.
*Tel. Chipping Sodbury* 313131.
*Telex*: 44669.

**Rockware Glass Ltd.,**
Rockware Avenue,
Greenford, Middx, UB6 0AQ.
*Tel.* 01-578 4353.
*TA. "Rockware, Greenford, Telex."*
*Telex:* 24794.

**Rubber Latex Ltd.,**
Harling Road,
Wythenshawe,
Manchester, M22 4TP.
*Tel.* 061-998 3226.
*TA. "Compounds, Manchester."*

**St. Anne's Board Mill Co. Ltd.,**
St. Anne's Road,
Bristol, BS4 4AD.
*Tel.* 0272 770431.
*TA. "Boards Bristol."*
*Telex:* 44279.

**St. Regis International Ltd.,**
11th Floor,
New Zealand House,
Haymarket,
London, S.W.1.
*Tel.* 01-930 0383.
*Telex:* 918786.

**Scherer, R. P., Ltd.,**
216/222, Bath Road,
Slough, Berks.
*Tel. Slough* 35511.
*TA. "Scherslo, Slough."*
*Telex:* 847398.

**Seebright Ventoplas Ltd.,**
Peter Road,
Commerce Way,
Lancing, Sussex.
*Tel. Lancing* 5877.
*TA. "Metals, Brighton."*
*Telex: Carboelect* 87311 *Brighton.*

**Sellotape Products U.K.**
(Industrial Sales),
Sellotape House,
54-58, High Street,
Edgware, Middx.
*Tel.* 01-952 2345.
*TA. "Sellotape Edgware."*
*Telex:* 262462.

**Sessions, William, Ltd.,**
The Ebor Press,
York, YO3 9HS.
*Tel.* 0904 59224.
*TA. "Sessions York."*
*Telex*: 57712.

**Signode Ltd.,**
Queensway,
Fforestfach,
Swansea.
*Tel. Swansea* 32811.
*TA. "Edongis Swansea."*
*Telex:* 48252.

**Smith & McLaurin Ltd.,**
Cartside Mills
Millikenpark.
Renfrewshire.
*Tel. Kilbarchan* 2244.
*TA. "Cartside Millikenpark."*
*Telex:* 77272.

**Smith & Nephew Plastics Ltd.,**
Bessemer Road,
Welwyn Garden City, Herts.
*Tel. Welwyn Garden* 25151.
*TA. "Emergency Welwyn Garden City."*
*Telex:* 23969.

**Smith & Nephew Tapes Ltd.,**
Bessemer Road,
Welwyn Garden City, Herts.
*Tel. Welwyn Garden City* 25151.
*TA. "Emergency Welwyn Garden City.*
*Telex:* 23969.

**Smith's Containers Ltd.**
Grove Street,
Raunds, Northants, NN9 6ED.
*Tel. Raunds* (0933-5) 3311.
*Telex*: 341295.

**South Wales Patent Metal Box Co. Ltd.,**
Hafod Isha Works.
58-64, Morfa Road,
Swansea.
*Tel. Swansea* 55207.
*TA. "Metal Box Swansea."*

**Speedwork Labels Ltd.,**
Chester Hall Lane,
Basildon, Essex.
*Tel. Basildon* 20253.

**Spicer-Cowan Ltd.,**
New Hythe House,
Aylesford,
Maidstone, Kent, ME20 7PD.
*Tel. Maidstone* (0622) 77777.
*Telex:* 965131.

**Stace, Leonard, Ltd.,**
The Vineyards.
Gloucester Road,
Cheltenham.
*Tel. Cheltenham* 54081.
*TA. "Papercoata Cheltenham."*
*Telex:* 43183.

**Star Aluminium Co. Ltd.,**
Penn Road,
Wolverhampton, WV3 0DN.
*Tel. Wolverhampton* 27861.
*TA. "Alustar Wolverhampton."*
*Telex:* 339616.

**Star Container Products,**
Star Aluminium Co. Ltd.,
Bridgnorth,
Salop.
*Tel. Bridgnorth* 5757.
*TA. "Star Bridgnorth."*
*Telex:* 338130.

**Starch Products Ltd.,**
Stadex Works.
Slough, Bucks., SL3 6BX.
*Tel. Slough* (0753) 33388.
*TA. "Stadex, Slough."*
*Telex:* 847311 *Slough Stadex.*

**Stonehouse Paper & Bag Mills Ltd.,**
Lower Mills,
Stonehouse, Glos.
*Tel. Stonehouse* 2173.

**Stress Free Plastics Ltd.,**
Bowling Ironworks,
Bradford, BD4 6BR.
*Tel. Bradford* (0274) 28280.

**Swains Packaging Ltd.,**
Buckhurst Hill, Essex.
*Tel.* 01-504 9151.

**Sweetheart Plastics Ltd.,**
11, High Street,
Fareham, Hampshire.
*Tel. Fareham* (032 92) 82751.

**3M United Kingdom Ltd.,**
3M House,
Wigmore Street,
London, W1A 1ET.
*Tel.* 01-486 5522.
*TA. " Minnesota London, W.*1."
*Telex:* 28155.

**Tanks & Drums Ltd.,**
Bowling Ironworks,
Bradford, BD4 8SX.
*Tel. Bradford* (0274) 28285.
*TA. " Cisterns Phone Bradford."*

**Taylowe Ltd.,**
Malvern Road, Furze Platt.
Maidenhead, Berks.
*Tel. Maidenhead* 23311.
*Telex*: 848300.

**Tetra Pak Ltd.,**
Orchard Road,
Lower Richmond Road,
Richmond, Surrey, TW9 4NU.
*Tel.* 01-878 1221.

**Thames Case Ltd.,**
Purfleet,
Essex, RM16 1RD.
*Tel. Purfleet* 5555.
*TA. " Case Purfleet."*
*Telex:* 262729

**Thurgar Bolle Ltd.**
Telford Way,
Kettering, Northants.
*Tel.* 0536 82601 & 4422.
*Telex:* 34435.

**Thyne, William, Ltd.,**
Langmuir Works,
Sighthill Industrial Estate,
Edinburgh, EH11 4EL.
*Tel.* 031-443 4441.
*TA. " Cartons, Edinburgh."*
*Telex:* 72292.

**Tillotsons (Liverpool) Ltd.,**
Commercial Road,
Liverpool, L5 7TJ.
*Tel.* 051-922 6431.
*TA. " Tillotsons Liverpool."*
*Telex:* 62352.

**Transparent Paper Ltd.,**
Bury House,
126-128, Cromwell Road,
London, SW7 4ET.
*Tel.* 01-373 8121.
*TA. " Transpaper London SW7."*
*Telex:* 21653.

**Tube Winding (Paper) Co. Ltd.,**
Bideford Avenue.
Perivale, Greenford,
Middx.
*Tel.* 01-997 1155.
*Telex:* 933770.

**U.G. Closures & Plastics Ltd.,**
Astronaut House,
Hounslow Road,
Feltham, Middx, TW14 9AJ.
*Tel.* 01-890 9051.
*Telex:* 27489.

**U.G. Glass Containers Ltd.,**
Kingston Road,
Staines, Middx, TW18 1AD.
*Tel. Staines* 51321.
*Telex:* 263141.

**U.K. Plastics Ltd.,**
Swan Street,
Petersfield, Hants.
*Tel. Petersfield* (0730) 2291.
*Telex:* 86102.

**U.M.P. Venesta Ltd.,**
Langley Road,
Salford M6 6JP.
*Tel.* 061-736 4444.
*TA. " Decora, Salford."*
*Telex:* 667124.

**Ulster Crown Corks Ltd.,**
Cathedral Road,
Armagh, N. Ireland.
*Tel. Armagh* 2487.

**Universal Tape Printing Co. Ltd.,**
Shire Hill Industrial Estate,
Saffron Walden,
Essex, CB11 3AH.
*Tel. Saffron Walden* (0799) 27333
*Telex:* 81427.

**Vale Board Mills Ltd.,**
Denny, Stirlingshire.
*Tel.* 0324 822844.
*TA. " Vale, Denny."*
*Telex:* 77760.

**Van Leer (U.K.) Ltd.,**
Van Leer House,
Rosemount Avenue,
West Byfleet,
Weybridge, Surrey.
*Tel. Byfleet* 41161.
*TA. " Metaconta, Weybridge."*
*Telex:* 28810.

**Venus Packaging Ltd.,**
Ilkeston,
Derbyshire, DE7 5TS.
*Tel. Ilkeston* 4391.
*Telex:* 37292.

**Viscose Group Ltd.,**
**International Closures Division**
Vistec House,
185, London Road,
Croydon, CR9 2TT.
*Tel.* 01-686 3241.
*TA. " Viskap Croydon."*
*Telex:* 946214 (*Vistec Croydon*).

**Warne, William, & Co. Ltd.,**
India Rubber Mills,
Barking, Essex.
*Tel.* 01-594 3800.
*Telex:* 23979.

**West, W. K., Ltd.,**
Cornish Street,
Sheffield 6, Yorks.
*Tel. Sheffield* 20225.

**Whiley, George M., Ltd.,**
Victoria Road,
Ruislip, Middx., HA4 0LG.
*Tel.* 01-422 0141.

**Whitecap International Ltd.,**
A Branch of The Metal Box Co. Ltd.
Hamworthy, Poole, Dorset.
*Tel.* 0201 34321.
*TA. " Vacuumseal, Poole, England."*
*Telex:* 41180.

**Wicanders (Great Britain) Ltd.,**
Alka Division,
Maxwell Way,
Crawley, Sussex.
*Tel. Crawley* 27700.
*TA. " Alkacap, Crawley."*
*Telex:* 87150.

**Wincanton Transport &**
**Engineering Co. Ltd.,**
**Industrial Equipment Division,**
South Street,
Wincanton, Somerset.
*Tel. Wincanton* 2021.

**Woollacott, Arthur, Ltd.,**
8/16, Great New Street,
London, E.C.4.
*Tel.* 01-353 9131.
*TA. " Sabellum London."*

**Wye Plastics,**
Whitehall Works,,
Madley,
Hereford, HR2 9LR.
*Tel. Madley* 484.

**Yorkshire Chemicals Ltd.,**
**Adhesive Division,**
27, Kirkstall Road,
Leeds, LS3 1LL.
*Tel. Leeds* 443111.
*Telex:* 55366.

# PACKAGING DESIGNERS AND CONSULTANTS

| NAME | TYPE OF WORK |
|---|---|
| **Allied Industrial Designers Ltd.**<br>10 Rathbone Place,<br>London, W.1. *Tel.* 01-580 8465. | *Designers & Consultants* |
| **Blay**<br>Oddley Lane,<br>Saunderton,<br>Aylesbury, Bucks., HP17 9NQ.<br>*Tel. Princes Risborough* (084 44) 4092. | *Designer & Consultant* |
| **W. M. de Majo, M.B.E., F.S.I.A.**<br>99, Archel Road,<br>West Kensington,<br>London, W14 9QL.<br>*Tel.* 01-385 0394. | *Designer & Consultant* |
| **Design International Ltd.**<br>62, New Cavendish Street,<br>London, W.1. *Tel.* 01-580 4561. | *Designers & Consultants* |
| **Design Research Unit**<br>32, Aybrook Street, London, W.1.<br>*Tel.* 01-486 1681. | *Designers & Consultants* |
| **Grafton Design Unit**<br>3-5, Fetter Lane,<br>London, E.C.4. *Tel.* 01-353 6941. | *Designers & Consultants* |
| **Richard Lonsdale-Hands Associates Ltd.**<br>Commonwealth House,<br>1-19 New Oxford Street,<br>London, W.C.1.<br>*Tel.* 01-242 3377. *Telex:* 23191. | *Designers & Consultants* |
| **Mardon Son & Hall Ltd.**<br>Temple Street, Bristol, BS99 7PB.<br>*Tel. Bristol* 24131. | *Designers* |
| **Publicity Arts Ltd.**<br>110, St. Martin's Lane, London, W.C.2. *Tel.* 01-836 0661. | *Designers & Consultants* |
| **Talmadge Drummond & Partners**<br>26, Brighton Road, Crawley, Sussex.<br>*Tel. Crawley* 25313. | *Designers & Consultants* |

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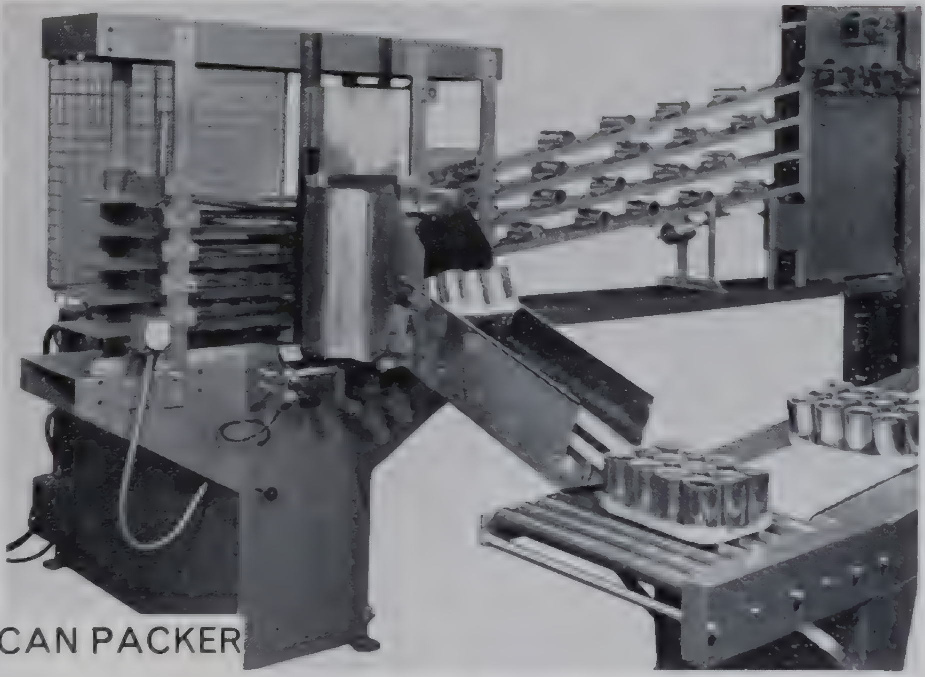

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# PROTIM PEST CONTROL

# HYGIENE SECTION

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Diversey Ltd.
Duckham, Alexander, & Co. Ltd.
Hough, Hoseason & Co. Ltd.
Jack O'Newbury.
Lever Industrial Ltd.
Oakite Ltd.
Smarts Laundries Ltd.
Spring Grove Services Ltd.
Sternol Ltd.
Universal Towel Co. Ltd.

**CREAMS (HAND) ANTI-DERMATITIS**
Duckham, Alexander, & Co. Ltd.
Sternol Ltd.
Universal Towel Co. Ltd.

**CREAMS (HAND) BARRIER**
Deb Chemical Proprietaries Ltd.
Duckham, Alexander, & Co. Ltd.
Jack O'Newbury.
Sternol Ltd.
Universal Towel Co. Ltd.

**DETERGENTS**
Albright & Wilson (Marchon Division).
Bibby, J., & Sons Ltd.
British Fermentation Products Ltd.
British Hydrological Corporation.
Burton, Son & Sanders Ltd.
Ciba-Geigy (U.K.) Ltd.
Crosfield, J., & Sons Ltd.
Deb Chemical Proprietaries Ltd.
Diversey Ltd. (Food Industries Division).
Duckham, Alexander, & Co. Ltd.
Essonia Ltd.
Imperial Chemical Industries Ltd.
Lever Industrial Ltd.
Medina Refinery (Camberine) Ltd.
Oakite Ltd.
Procter & Gamble Ltd.
Reddish Chemical Co. Ltd.
Shell Chemicals, U.K. Ltd.
Underwood & Barker Ltd.

**DISINFESTATION EQUIPMENT**
Dawson McDonald & Dawson Ltd.
Pan Britannica Industries Ltd.
Simon, Henry, Ltd.

**DISINFESTATION SERVICES (RODENTS AND INSECTS)**
Charlton-Meads (Pest Control).
Protim Pest Control Ltd.
Rentokil Laboratories Ltd.

**DISPOSABLES (CAPS)**
Kimberly-Clark Ltd.
Pal Wear (Disposables).
Pioneer Services.
Universal Towel Co. Ltd.

**DISPOSABLES (FOOTWEAR)**
*See Footwear* (*Disposable*)

**DISPOSABLES (GLOVES)**
*See Gloves* (*Disposable*)

**DISPOSABLES (TOWELS)**
Jack O'Newbury.
Kimberly-Clark Ltd.
Kneels Linen Hire Division.
Pioneer Services.
St. George's Linen Service.
Smarts Laundries Ltd.
Universal Towel Co. Ltd.

**DISPOSABLES (WIPES)**
Jack O'Newbury.
Johnson & Johnson Ltd.
Kimberly-Clark Ltd.
Kneels Linen Hire Division.
Pioneer Services.
St. George's Linen Service.
Spring Grove Services Ltd.
Universal Towel Co. Ltd.

**FOOTWEAR (COLD STORE)**
Rogers, T. J., & Son Ltd.
Wilkins & Denton Ltd.

**FOOTWEAR (CLOGS)**
Briggs Industrial Footwear Ltd.

Rogers, T. J., & Son Ltd.
Wilkins & Denton Ltd.

**FOOTWEAR (DISPOSABLE)**
Kimberly-Clark Ltd.
Mattay & Co. Ltd.

**FOOTWEAR (NON-SLIP)**
Betts & Broughton Ltd.
Briggs Industrial Footwear Ltd.
Mattay & Co. Ltd.
Pedex Ltd.
Protective Footwear Service Ltd.
Protectoplast Ltd.
Speke Rubber Co. Ltd.
Wilkins & Denton Ltd.

**FOOTWEAR (OVERBOOTS)**
Mattay & Co. Ltd.
Rogers, T. J., & Son Ltd.
Speke Rubber Co. Ltd.
Stephens, Wm., & Sons Ltd.

**FOOTWEAR (OVERSHOES)**
Mattay & Co. Ltd.
Speke Rubber Co. Ltd.
Stephens, Wm., & Sons Ltd.
Wilkins & Denton Ltd.

**FOOTWEAR (SHOES) STEEL TOE CAP**
Betts & Broughton Ltd.
Briggs Industrial Footwear Ltd.
Mattay & Co. Ltd.
North, James, & Sons Ltd.
Protective Footwear Service Ltd.
Speke Rubber Co. Ltd.
Wilkins & Denton Ltd.

**FOOTWEAR (WELLINGTONS) STEEL TOE CAP**
Briggs Industrial Footwear Ltd.
Mattay & Co. Ltd.
Pedex Ltd.
Protective Footwear Service Ltd.
Rogers, T. J., & Son Ltd.
Speke Rubber Co. Ltd.
Wilkins & Denton Ltd.

**GLOVES (DISPOSABLE)**
Jack O'Newbury.
Kimberly-Clark Ltd.
Mattay & Co. Ltd.
North, James, & Sons Ltd.

**GLOVES (NYLON)**
Mattay & Co. Ltd.
Rogers, T. J., & Son Ltd.
Speke Rubber Co. Ltd.

**GLOVES (POLYTHENE)**
Mattay & Co. Ltd.
Speke Rubber Co. Ltd.

**GLOVES (RUBBER)**
Dunlop Ltd.
Mattay & Co. Ltd.
North, James, & Sons Ltd.
Speke Rubber Co. Ltd.

**GLOVES (CHAIN MAIL)**
Mattay & Co. Ltd.
Union Food Machinery & Equipment Ltd.

**HEADWEAR (COOKS)**
Mattay & Co. Ltd.
Modeluxe Linen Services.
Pal Wear (Disposables).
RHM Ingredient Supplies Ltd
Smarts Laundries Ltd.
Spring Grove Services Ltd.

**HEADWEAR (HAIRNETS)**
Mattay & Co. Ltd.
Pal Wear (Disposables).

**HEADWEAR (PAPER)**
Kimberly-Clark Ltd.
Kneels Linen Hire Division.
Mattay & Co. Ltd.
Pal Wear (Disposables).
Universal Towel Co. Ltd.

**LINEN HIRE (OVERALLS, etc.)**
Belgrave Laundry Company Ltd.
Central Linen Hire Ltd.
Clean Overall Service Ltd.
Daybrook Cleaners and Launderers.
Fabricare Overall Hire Services.
Grange Laundry (Rhyl) Ltd.
High Wycombe Laundry.
Hayes, James, & Sons Ltd.
Hilden Manufacturing Co. Ltd.
Holt Laundry & Cleaners Ltd.
Holt & Watson Ltd.
Inglis Green Laundry.
Initial Services Ltd.
Jack O'Newbury.

Kneels Linen Hire Division.
Lakeland Linen Services Ltd.
Laundrycraft Services Ltd.
Lyn Hygienic Laundry Ltd.
Lyndale Linen Services.
Lyndon Hire Service.
Modeluxe Linen Services.
Monarch Laundry (Manchester).
New Era Linen Services Ltd.
Newtown Laundry Ltd.
Pioneer Services.
Provincial Laundries Ltd.
St. George's Linen Service.
Smarts Laundries Ltd.
Spring Grove Services Ltd.
Stevensons.
Towel King Group of Companies.
Universal Towel Co. Ltd.
Wakefield Laundry Ltd.
Westward Group.
Wilson's Laundry.

### PROTECTIVE CLOTHING (COLD STORE)

Daybrook Cleaners & Launderers.
Monarch Laundry (Manchester).
Speke Rubber Co. Ltd.
Wakefield Laundry Ltd.

### PROTECTIVE CLOTHING (FACTORY)

Bell's Asbestos & Engineering Ltd.
Daybrook Cleaners and Launderers.
Fabricare Overall Hire Services.
Grange Laundry (Rhyl) Ltd.
Hayes, James, & Sons Ltd.
Jack O'Newbury.
Kneels Linen Hire Division.
Lyndale Linen Services.
Mattay & Co. Ltd.
Modeluxe Linen Services.
Monarch Laundry (Manchester).
Newtown Laundry Ltd.
North, James, & Sons Ltd.
Novitas Ltd.
Pal Wear (Disposables).
Pedex Ltd.
Pioneer Services.
RHM Ingredient Supplies Ltd.
Rogers, T. J., & Son Ltd.
Smarts Laundries Ltd.
Speke Rubber Co. Ltd.
Spring Grove Services Ltd.
Stephens, Wm., & Sons Ltd.
Universal Towel Co. Ltd.
Whaley Bridge Manufacturing Co.

### SOAP (BACTERICIDAL GEL)

Bibby, J., & Sons Ltd.
Deb Chemical Proprietaries Ltd.

### STERILANTS

British Hydrological Corporation.
Ciba-Geigy (U.K.) Ltd.
Deb Chemical Proprietaries Ltd.
Diversey Ltd. (Food Industries Division).
Hough, Hoseason & Co. Ltd.
Izal Ltd.
Kemanord Ltd.
Lever Industrial Ltd.
Oakite Limited.
Reddish Chemical Co. Ltd.

### TOWEL RENTAL SERVICES

A.I. Towel Service.
Belgrave Laundry Co. Ltd.
Fabricare Overall Hire Services.
Grange Laundry (Rhyl) Ltd.
Initial Services Ltd.
Jack O'Newbury.
Kneels Linen Hire Division.
Lyndale Linen Services.
Lyndon Hire Service.
Monarch Laundry (Manchester).
Newtown Laundry Ltd.
Provincial Laundries Ltd.
St. George's Linen Service.
Smarts Laundries Ltd.
Spring Grove Services Ltd.
Stevensons.
Towel King Group of Companies.
Wakefield Laundry Ltd.

# HYGIENE SECTION

## NAMES AND ADDRESSES

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**A.1. Towel Service,**
Woodman's Yard,
Westow Hill,
London, SE19 1RY.
*Tel.* 01-653 0061.

**Albright & Wilson Ltd.,**
**Marchon Division.**
Whitehaven,
Cumbria.
*Tel. Whitehaven* (0946) 3131.
*T.A.:* " *Marchonpro Whitehaven, Telex.*"
*Telex:* 64295.

**Belgrave Laundry Company Ltd.,**
Roughton Street,
Leicester.
*Tel. Leicester* 63391.
and
Empingham Road,
Stamford, Lincs.
*Tel. Stamford* 2195.

**Bell's Asbestos & Engineering Ltd.,**
Farnham Road,
Slough,
Bucks.
*Tel. Slough* 23921.
*T.A.: "Bestobell, Slough".*
*Telex:* 848107.

**Betts & Broughton Ltd.,**
King Street,
Huthwaite,
Sutton-in-Ashfield, Notts.,
NG17 2PB.
*Tel.* 06235 2337.

**Bibby, J., & Sons Ltd.,**
Richmond House,
1, Rumford Place,
Liverpool, L3 9QQ.
*Tel.* 051-236 6671.

**Briggs Industrial Footwear Ltd.,**
Cornwall Road,
South Wigston,
Leicester,
LE8 2YU.
*Tel. Wigston* 6353-4.
*T.A.: "Tosavas Leicester".*

**British Fermentation Products Ltd.,**
11/12, Appold Street,
London, EC2A 2AP.
*Tel.* 01-247 1066.

**British Hydrological Corporation,**
Deer Park Road,
London, SW19 3UQ.
*Tel.* 01-542 1021.
*T.A.:* " *Detergents, London, S.W.*19."

**Burton, Son & Sanders Ltd.,**
College Street,
Ipswich.
*Tel. Ipswich* 56234.
*T.A.:* " *Burton, Ipswich.*"
*Telex:* 98224.

**Central Linen Hire Ltd.,**
Fulwell Road,
Sunderland, Co. Durham.
*Tel.* 71243.

**Charlton Meads Pest Control,**
Killingworth Road,
Gosforth, Newcastle upon Tyne,
NE3 1SY.
*Tel. Gosforth* 853188.

**Ciba-Geigy (U.K.) Ltd.,**
Agrochemical Division,
Whittlesford,
Cambridge, CB2 4QT.
*Tel.: Sawston* (02203) 3621.
*T.A.: "Agchem Cambridge."*
*Telex:* 81325

**Clean Overall Service Ltd.,**
Woodman's Yard,
Westow Hill,
London, SE19 1RY.
*Tel.* 01-653 0061.

**Crosfield, Joseph, & Sons Ltd.,**
P.O. Box 26,
Warrington, Lancs.
*Tel. Warrington* 31211.
*T.A.: " Crosfields, Warrington."*
*Telex:* 627067.

**Dawson McDonald & Dawson Ltd.,**
Compton Works,
Ashbourne, Derbys.
*Tel. Ashbourne* 3184.
*Telex:* 377072.

**Daybrook Cleaners and Launderers,**
Daybrook,
Nottingham.
*Tel. Nottingham* 268256 *and* 268070.

**Deb Chemical Proprietaries Ltd.,**
Forfar Works,
Spencer Road,
Belper, Derby, DE5 1JX.
*Tel. Belper* 2714.
*Telex:* 377209.

**Diversey Ltd.,**
Food Industries Division,
Cockfosters, Barnet,
Herts., EN4 0BU.
*Tel.* 01-449 5566.
*T.A.: " Diversey, Barnet, Herts."*

**Duckham, Alexander, & Co. Ltd.,**
Summit House,
Glebe Way,
West Wickham, Kent, BR4 0SJ.
*Tel.* 01-777 0600.
*Telex:* 28917.

**Dunlop Ltd.,**
G.R.G. Division,
Cambridge Street,
Manchester, M60 1PD.
*Tel.* 061-236 2131.
*Telex:* 667225.

**Essonia Ltd.,**
St. Andrews Works,
Bradford, Yorkshire, BD7 1PA.
*Tel.* Bradford (0274) 26848.
*T.A.: " Shield, Bradford."*

**Fabricare Overall Hire Services,**
Ellison Street,
Glossop, Derbyshire.
*Tel. Glossop* 2981.
and
Mill Lane,
Leigh, Lancs.
*Tel. Leigh* 72218.

**Grange Laundry (Rhyl) Ltd.,**
Grange Road,
Rhyl, Flints., N. Wales.
*Tel.* 0745 507 53.

**Hayes, James, & Sons Ltd.,**
129, Coldharbour Lane,
London, S.E.5.
*Tel.* 01-733 5588.
also at Letchworth, Leeds, Southport, Clacton, Bognor, Bristol.

**High Wycombe Laundry,**
(H.W.S.L. Ltd.)
Totteridge Avenue,
High Wycombe, Bucks.
*Tel. High Wycombe* 23121.

**Hilden Manufacturing Co. Ltd.,**
Moscow Mills,
Colliers Street,
Oswaldtwistle, Accrington.
*Tel. Accrington* 31560.

**Holt Laundry & Cleaners Ltd.,**
51, Bull Street,
Holt, Norfolk.
*Tel.* 0263 71 3136.

**Holt & Watson Ltd.,**
13, Fulton Street,
Bradford,
West Yorkshire, BD1 2LZ.
*Tel. Bradford* 27639.

**Hough, Hoseason & Co. Ltd.**,
Chapel Street,
Manchester, M19 3PT.
*Tel.* 061-224 3271.
*T.A.: "Salicycate Manchester."*

**Imperial Chemical Industries Ltd.,**
Imperial Chemical House,
Millbank, London, S.W.1.
*Tel.* 01-834 4444.
*T.A.: " Impkemix London Telex."*

**Inglis Green Laundry,**
Slateford,
Edinburgh, EH14 2ET.
*Tel.* 031-443 2361.

**Initial Services Ltd.,**
300, Goswell Road,
London, EC1V 7LU.
*Tel.* 01-837 2828.

**Izal Ltd.,**
Chapeltown,
Sheffield, S30 4YP.
*Tel. Ecclesfield* (07415) 3171.
*T.A.: "Izal Sheffield."*
*Telex:* 547096.

**Jack O'Newbury,**
Queens Road,
Newbury,
Berks., RG14 7NS.
*Tel. Newbury* 1861.

**Johnson & Johnson Ltd.,**
260, Bath Road,
Slough, Bucks.
*Tel. Slough* 31234.
*Telex:* 847622.

**KemaNord Ltd.,**
37, High Street,
Marlow, Bucks., SL7 1AU.
*Tel. Marlow* 6741.
*Telex:* 847063 *Chem-Plast-Marl.*

**Kimberly-Clark Ltd.,**
Larkfield,
Maidstone, Kent.
*Tel. Maidstone* 77700.

**Kneels Linen Hire Division,**
Cowley Bridge Road,
Exeter, Devon, EX4 5AA.
*Tel. Exeter* 71291.

**Lakeland Linen Services Ltd.,**
Shap Road,
Kendal, Westmorland.
*Tel. Kendal* 23378.

**Laundrycraft Services Ltd.,**
20, Green End,
Whitchurch,
Salop.
*Tel. Whitchurch* 2426.

**Lever Industrial Limited,**
Wood Street,
Bebington, Merseyside, L62 4XN.
*Tel.* 051-645 2000.

**Lyn Hygienic Laundry Ltd.,**
Lynton,
N. Devon.
*Tel. Lynton* 3285.

**Lyndale Linen Services,**
Colville Road,
Acton, London, W.3.
*Tel.* 01-992 5272.
and
24, Showell Green Lane,
Birmingham, 11.
*Tel.* 021-772 3053.

**Lyndon Hire Service,**
Dale Street,
Smethwick,
Warley, West Midlands.
*Tel.* 021-429 2281/3.

**Mattay & Co. Ltd.,**
Higher Road,
Hunts Cross,
Liverpool, L25 0QQ.
*Tel.* 051-486 1917.
*Telex:* 62248.

**Medina Refinery (Camberine) Ltd.,**
Sun Wharf, Creekside,
London, S.E.8.
*Tel.* 01-692 1011.
*T.A.:* " *Medinoil London, S.E.*8."

**Modeluxe Linen Services,**
Prospect Place,
Trowbridge, Wilts.
*Tel. Trowbridge* (02214) 5591.

**Monarch Laundry (Manchester) Ltd.,**
Lloyd Road,
Levenshulme,
Manchester, M19 2RL.
*Tel.* 061-432 4218/9.

**New Era Linen Services Ltd.,**
**Linen Hire Division.**
14/16, High Street,
Penge, London, S.E.20.
*Tel.* 01-778 8977.

**Newtown Laundry Ltd.,**
Pool Road,
Newtown,
Montgomeryshire,
Mid Wales.
*Tel. Newtown* 6850.

**North, James, & Sons Ltd.,**
P.O. Box 3,
Hyde, Cheshire, SK14 1RL.
*Tel.* 061-368 5811.
*T.A.: "Peeveecee Hyde."*
*Telex:* 669332.

**Novitas Ltd.,**
45, Gt. Portland Street,
London, W1N 5DG.
*Tel.* 01-580 4603.

**Oakite Limited,**
West Carr Road Industrial Estate,
Retford, Notts.
*Tel. Retford* 4191.
*T.A.: "Oakite, Retford."*
*Telex:* 56273.

**Pal Wear (Disposables),**
P.O. Box 144,
Oadby Industrial Estate,
Leicester, LE2 5LW.
*Tel. Oadby* (053 722) 2804.

**Pan Britannica Industries Ltd.,**
Britannica House,
Waltham Cross,
Herts., EN8 7DY.
*Tel. Waltham Cross* 23691.
*T.A.: "Panbritan, Waltham Cross."*
*Telex:* 23957.

**Pedex Ltd.,**
Nora House,
Station Estate,
George Lane,
South Woodford, E18 1BY.
*Tel.* 01-530 2053.
*T.A.: "Femrich, London, E*18."

**Pioneer Services,**
Endbutt Lane,
Crosby, Liverpool, L23 0TS.
*Tel.* 051-924 3844.

**Procter & Gamble Ltd.,**
P.O. Box 1 SH,
Newgate House,
Newcastle upon Tyne, NE99 1SH.
*Tel. Newcastle* 611900.

**Protective Footwear Service Ltd.,**
Hill Street,
Kingswood,
Bristol.
*Tel. Bristol* 678551.
*Telex:* 44273.

**Protectoplast Ltd.,**
Nora House,
Station Estate,
South Woodford,
London, E18 1BY.
*Tel.* 01-530 2053.

**Protim Pest Control Ltd.,**
Marlow House,
Institute Road,
Marlow, Bucks., SL7 1LS.
*Tel. Marlow* (062 84) 6955.
*Telex:* 847057.

**Provincial Laundries Ltd.,**
Engine Lane,
Low Fell,
Gateshead,
NE9 5JQ.
*Tel. Low Fell* (0632) 875880 *and*
20, Dundonald Road,
Didsbury, Manchester, M20 0RX.
*Tel.* 061-445 7777.
Laundry Road, The Avenue,
Starbeck,
Harrogate, Yorks., HG1 4QE.
*Tel.* 0423 83601.

**RHM Ingredient Supplies Ltd.,**
Torre Road,
Leeds, LS9 7RZ.
*Tel. Leeds* 31701.
*T.A.: "Nukrisko Leeds."*
*Telex:* 557491.

**Reddish Chemical Co. Ltd.,**
Globe Works, Stanley Road,
Cheadle Hulme, Cheadle,
Cheshire, SK8 6RB.
*Tel.* 061-485 4406.
*T.A.: " Kinray, Stockport."*

**Rentokil Ltd.,**
Pest Control Division,
16, Dover Street,
London, W1X 4DJ.
*Tel.* 01-493 0061.

**Rogers, T. J., & Son Ltd.,**
Leiston,
Suffolk.
*Tel.* 072-8-830 351.

**St. George's Linen Service,**
St. George's Lane,
Worcester.
*Tel. Worcester* 23361.

**Shell Chemicals U.K. Ltd.,**
Villiers House,
41-47, Strand,
London, WC2N 5LA.
*Tel.* 01-839 9070.
*Telex:* 21795.

**Simon, Henry, Ltd.,**
P.O. Box 31,
Stockport, Cheshire, SK3 0RT.
*Tel.* 061-428 3600.
*T.A.: "Simon Stockport Telex."*
*Telex:* 66–9071.

**Smarts Laundries Ltd.,**
Furmage Street,
London, SW18 4DF.
*Tel.* 01-870 1444.

**Speke Rubber Co. Ltd.,**
P.O. Box 125,
George Street,
Liverpool, L69 3AG.
*Tel.* 051-236 6761/2/3.

**Spring Grove Services Ltd.,**
Reading Road,
Henley-on-Thames, Oxon., RG9 1EP.
*Tel. Henley-on-Thames* (04912) 3091.
*Telex:* 848488.
*T.A.: "Springrove Hnly."*

**Stephens, Wm., & Sons Ltd.,**
Leiston,
Suffolk.
*Tel.* 072-8-830351.

**Sternol Ltd.,**
12, Sutton Row,
London, W1V 6QR.
*Tel.* 01-734 5933.

**Stevensons,**
Seaforth Road,
Aberdeen.
*Tel. Aberdeen* 25375.

**Towel King Group of Companies,**
Ocean Works,
Longridge Avenue,
Saltdean, Sussex, BN2 8LJ.
*Tel. Brighton* 33013.

**Underwood & Barker Ltd.,**
Radford Way,
Billericay, Essex.
*Tel.* 027 74 4658.
*T.A.:* "*Unbarchem, Billericay.*"

**Union Food Machinery & Equipment Ltd.**
10–11, Middle Street,
London, E.C.1.
*Tel.* 01-606 2101.

**Universal Towel Co. Ltd.,**
Queens Road,
East Grinstead, Sussex.
*Tel.* 0342 24104.

**Wakefield Laundry Ltd.,**
48, Grantley Street,
Wakefield,
Yorks. WF1 4PP.
*Tel.* 0924 73644.

**Westward Group,**
Bath Road,
Chippenham, Wilts.
*Tel. Chippenham* 3421/2.

**Whaley Bridge Manufacturing Co.,**
Wheatsheaf Road,
Whaley Bridge,
Stockport, Cheshire, SK12 7JD.
*Tel. Whaley Bridge* 2595.

**Wilkins & Denton Ltd.,**
Totector House,
Rushden, Northants.
*Tel. Rushden* 3031.
*Telex:* 31638.

**Wilson's Laundry,**
45/53, Arundel Road,
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# TRADE AND BRAND NAMES

This section lists alphabetically many of the distinctive descriptions used for products in the food industry, and indicates the name of the manufacturer and the type of product. Some are registered trade names for specific products; some are the word or words forming part of a registered trade mark; and some may not be registered at all. Inclusion in this list does not imply that any manufacturer possesses exclusive rights in the word set opposite his name.

Trade names in this section enable the user to identify the manufacturer. If the names are identical no reference appears since the name of the company can be found under the appropriate section.

(M) = PROCESSED FOOD (P) = PLANT & EQUIPMENT
(C) = COMMODITIES (PM) = PACKAGING MATERIALS

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## A

*/A*, Anstead, D. F., Ltd. (C)
*. & B.*, Grant Bros. (Meat Canners Ltd. (M)
*.B.C.*, Aerated Bread Co. Ltd. (M)
*PA*, Vesop Products Ltd. (M) (C)
*.W.*, Auto Wrappers (Norwich) Ltd. (P)
*bbotshay*, Golden Produce Chicken Ltd. (M)
*bmesh*, Jonge Poerink Wire Mesh Belts & Conveyors Ltd. (P)
*bselex*, British Celanese Ltd. (PM)
*Acalastic*, Acalor (1948) Ltd. (P)
*Ac'cent*, Getz Bros. & Co. Inc. (C)
*Access*, British Soya Products Ltd. (M) (C)
*Accuflow*, Rockwell Pneumatic Scale Ltd. (P)
*Accupat*, Biro Food Machinery Ltd. (P)
*Acetape*, Clement & Foster Ltd. (PM)
*Acetas*, Briggs Amasco. (P)
*ACI Ltd.*, Air Control Installations Ltd. (P)
*Acma*, Emhart (U.K.) Ltd. (P)
*Acme*, Brown & Polson Ltd. (C)
*Acme*, Gardner, John & Son (P)
*Acme* Gerrard Industries Ltd. (P)
*Acticarbone*, British Ceca Co. Ltd. (P)
*Actiwhite*, British Bakels Ltd. (C)
*A Daily Luxury*, Hartleys (of Potted Bee Fame) Ltd. (M)
*Adams Best*, Adams Butter Ltd. (M)
*Adexolin*, Glaxo Laboratories Ltd. (M)
*Admul*, Food Industries Ltd. (C)
*Advance*, Invicta Sheet Metal Co. Ltd. (P)
*Adsoy*, Soya Foods Ltd. (C)
*Advitagel*, Food Industries Ltd. (C)
*Advitamul*, Food Industries Ltd. (C)
*Advitaroma*, Food Industries Ltd. (C)
*Aerflo*, *see Supervents-Aerflo*, Supervents Ltd. (P)
*Aero*, Rowntree Mackintosh Ltd. (M)
*Aerocups*, DRG Cups, (PM)
*Aerofoil*, Woods of Colchester Ltd. (P)
*After Eight*, Rowntree Mackintosh Ltd. (M)
*Agma*, Ideal Packagings Ltd. (P)
*Air Tumbler*, Acme Conveyors & Construction Ltd. (P)
*Airdron*, Foxboro-Yoxall Ltd. (P)
*Air-Matic*, British Miller Hydro Co. Ltd. (P)
*Airmix*, Gardners of Gloucester (P)
*Airominichiller*, Biddle, F. H., Ltd. (P)
*Airochiller*, Biddle, F. H., Ltd. (P)
*Ajax*, Acme Conveyors & Construction Ltd. (P)
*Ajax*, Ascoli Ltd. (P)
*Ajinomoto*, Hercules Powder Co. Ltd. (C)
*Ajusto-Spede*, Redman Heenan Froude Ltd. (P)
*Akorrosit*, Erben, H., Ltd. (P)
*Alag*, Lafarge Aluminous Cement Co. Ltd. (P)
*Albfort*, Scottish Flavour & Colour Co. Ltd. (C)
*Albion*, Smiths Flour Mills Ltd. (M)
*Alboline*, Food Industries Ltd. C)
*Albuvita*, Scottish Flavour & Colour Co. Ltd. (C)
*Alco*, Rimer–Birlec Ltd. (P)
*Alcol*, Watten Emulsifying Machines Ltd. (P)
*Alite*, Arenco-Alite Ltd. (P)
*Alka*, Wicanders (Great Britain) Ltd. (P) (PM)
*Alkadrum*, P. D. (Technical Mouldings) Ltd. (P)
*Alkaflex*, Dickinson, John, & Co. Ltd. (PM)
*Alkapaks*, Paper Goods Manufacturing Co. Ltd. (PM)
*Alkaply*, Dickinson, John, & Co. Ltd. (PM)
*Alkathene*, Imperial Chemical Industries Ltd. (PM)
*All Blacks Pure Mint Sweet*, Redhead & Co. Ltd. (M)
*All Gold*, Terry, Joseph, & Sons Ltd. (M)
*Allmendro*, Sefcol (Sales) Ltd. (C)
*Almac*, Allmey & Layfield Ltd. (C)
*Almapan*, Allmey & Layfield Ltd. (C)
*Almex*, Crimony Co. Ltd. (C)
*Almonblen*, Sefcol (Sales) Ltd. (C)
*Aloliver*, G.A.L. Products Ltd. (P)
*Alpen*, Weetabix Ltd. (M)

*Alpha*, Berisford, S. & W., Ltd. (M)
*Alpine*, Raines Dairy Products (M)
*Alseal*, Bland International Packaging (P)
*Altro*, Adamite Co. Ltd. (P)
*Alu-Foil*, Ideal Capsules Ltd. (PM)
*Alumatic*, Ideal Capsules Ltd. (PM)
*Alu-Seal*, Ideal Capsules Ltd. (P)
*Alu-Vin*, Ideal Capsules Ltd. (PM)
*Amazin' Raisin*, Cadbury Ltd. (M)
*Ambassador*, B.D.P. Group (P)
*Ambazyme*, A.B.M. Chemicals Ltd. (C)
*Ambirex*, British Arkady Co. Ltd. (C)
*Ambrosia*, Bovril Ltd. (M)
*Amijel*, Corn Products (Sales) Ltd. (C)
*Amioca*, Laing National Ltd. (C)
*Amisol*, Corn Products (Sales) Ltd. (C)
*Amster*, Briess & Co. Ltd. (C)
*Amylopectin*, Laing National Ltd. (C)
*Amylozyme B*, A.B.M. Chemicals Ltd. (C)
*Ancatainers*, Anchor Chemical Developments Ltd. (PM)
*Anchor*, Associated Fisheries & Foods Ltd. (M)
*Anchor*, Milk Products (N.Z.) Ltd. (C)
*Ancol*, Union Food Machinery & Equipment Ltd. (P)
*Angel*, Crimony Co. Ltd. (C) (M)
*Angel Delight*, General Foods Ltd. (M)
*Anhydro*, A.P.V. Mitchell (Dryers) Ltd. (P)
*Anker*, Ideal Packagings Ltd. (P)
*Antelope*, Albright & Wilson Ltd., Oldbury Division (C)
*Antrancine*, Naarden (London) Ltd. (C)
*Apollo*, Craigmillar (C)
*Apollo*, Greco's Biscuits Ltd. (M)
*Appetiser*, Lowe, J., & Co. (Processed Foods) Ltd. (M)
*Aprimac*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Aptmix*, Aptunion (UK) Ltd. (C)
*Aquacone*, Pelkman, John, Eng. Co. Ltd. (P)
*Aquaflex*, Stress Free Plastics Ltd. (PM)
*Aquarius*, Bartleet, Norman, Ltd. (P)
*Aquaspeed*, Grundy (Teddington) Ltd. (P)
*Aquatherm*, Carrier Eng. Co. Ltd. (P)
*Aquatower*, Redman, Heenan Froude Ltd. (P)
*Aquatrol*, Fielden Electronics Ltd. (P)
*Aranbee Epoxy*, Rowan & Boden Ltd. (P)
*Arctic Queen*, Anderson & Coltman Ltd. (C)
*Arenco*, Arenco-Alite Ltd. (P)
*Arenella*, Silber, L. I., & Co. Ltd. (C)
*Ariavit*, Williams (Hounslow) Ltd.
*Aricol*, London Oil Medina Ltd. (C)
*Arimac*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Arisal*, New Cheshire Salt Works Ltd. (M) (C)
*Aristar*, Craigmillar (C)
*Aristos*, Beer, I., & Sons Ltd. (M)
*Arkady*, British Arkady Co. Ltd. (C)
*Arkafoil*, Koters (Liverpool) Ltd. (PM)
*Arkalam*, Koters (Liverpool) Ltd. (PM)
*Arkapax*, Koters (Liverpool) Ltd. (PM)
*Arkasoy*, British Arkady Co. Ltd. (C)
*Armada*, West Countree Confectionery Co. Ltd. (M)
*Armcorko*, U.G. Closures & Plastics Ltd. (PM)
*Armorbelt*, Gough & Co. (Hanley) Ltd. (P)
*Armour*, Deltec Foods Ltd. (M) (C)
*Aromalt*, Bermaline Ltd. (M)
*Arran Dunlop*, Scottish Milk Marketing Board (M)
*Arrowmint*, Wrigley Co. Ltd. (M)
*Artodan*, Grindsted Products Ltd. (C)
*Arun*, Golden Produce Chicken Ltd. (M)
*Asplit*, Prodorite Ltd. (P)
*Assafrey Russian Toffee*, Ferguson, Alex., Ltd. (M)
*Astrink*, Rampart Inks Ltd. (P)
*Atlas*, Steetley Co. Ltd. (P)
*Atlas*, Tanks & Drums Ltd. (PM)
*Atlas/Winkler*, Atlas Equipment (London) Ltd. (P)
*Atmos*, Blundell & Crompton Ltd. (P)
*Atomil*, British Jeffrey-Diamond Ltd. (P)
*Atom Jet*, Perkins Boilers Ltd. (P)
*Atora*, RHM Foods Ltd. (M)
*Audco*, Serck Audco Valves, (P)
*Aupama*, Petzold, Henry & Co. (P)
*Austinstereo*, Austin Packaging Ltd. (P)
*Authentarome*, Gale & Mount Ltd. (C)
*Auto-Bagger*, Hill & Dolman (Engrs.) Ltd. (P)
*Autocap*, Metal Box Co. Ltd. (PM)
*Autocase*, Foodtech Ltd. (P)
*Autodrytex*, Dust Control Equipment Ltd. (P)
*Autofeed*, Ideal Capsules Ltd. (P)
*Auto Flow*, Dexion Group of Companies (P)
*Autoscale*, Best Inspection Ltd. (P)
*Auto-Selector*, Foxboro-Yoxall Ltd. (P)
*Autosleeve*, Tillotsons (Liverpool) Ltd. (P)
*Autosorber*, Rimer–Birlec Ltd. (P)
*Autospector*, British Miller Hydro Co. Ltd. (P)
*Autotaper*, Wincanton Transport & Engineering Co. Ltd. (PM)
*Auto-vac*, Bancroft Fillers & Appliances Ltd. (P)
*Autox*, Bowater Packaging Ltd. (PM)
*Avenaflo*, Morning Foods Ltd. (C)
*Avery*, Pasta Foods Ltd. (M)
*Avon*, Stratford upon Avon Mineral Water Co. Ltd. (M)
*Avonbourne*, Beach, T. W., & Sons Ltd. (M)
*Axelaire*, Air Control Installations Ltd. (P)
*Aylesbury*, National Canning Co. Ltd. (M)
*Aztec*, Cadbury Ltd. (M)

## B

*B.C.H.*, Brierley, Collier & Hartley Ltd. (P)
*B.C.L.*, British Cellophane Ltd. (PM)
*BHF*, British Hartford-Fairmont Ltd. (P)
*B.I.F.F.*, Bambergers Pallets & Cases Ltd. (P)
*B.P.L.*, British Preserves Ltd. (M)
*B.V.B.*, Macandrews & Forbes Ltd. (C)
*Baby Bubbly*, Goldwell Ltd. (M)
*Babycham*, Showerings Ltd. (M)
*Baby Pom*, Whiteways Cyder Co. Ltd. (M)
*Bacterase*, A.B.M. Chemicals Ltd. (C)
*Bagbox*, Taylowe Ltd. (PM)
*Bagger-Matic*, Hill & Dolman (Engs.) Ltd. (P)
*Bag N Seal*, Hill & Dolman (Engs.) Ltd. (P)
*Bake-Prep*, Prestige Industrial Ltd. (P)
*Baker*, Baker Perkins Ltd. (P)

*Bakewell*, Mischeff, Kiril, Ltd. (C)
*Balco*, Balfour, Henry, & Co. Ltd. (P)
*Balec*, British Bakels Ltd. (C)
*Balkan*, Mischeff, Kiril, Ltd. (C)
*Ballerina*, Pendleton, William, & Sons Ltd. (M)
*Balmoral*, Invicta Sheet Metal Co. Ltd. (P)
*Balvac*, Balfour, Henry, & Co. Ltd. (P)
*Bambies*, Harradine, J., & Sons Ltd. (M) (C)
*Bampal*, Bambergers Pallets & Cases Ltd. (P)
*Bangor Maid*, Milk Marketing Board for Northern Ireland (M)
*Banks*, Fairest, Morgan, Ltd. (P)
*Banneret*, Brown & Knight Ltd. (M)
*Banquet*, Pumphrey, W. & M., Ltd. (M) (C)
*Barbara*, Dohler (U.K.) Ltd. (C)
*Barbecue*, Keddie Ltd. (M)
*Barbecuties*, Atkinsons of Windermere (M)
*Barbican*, Benson, F. R., & Partners Ltd. (C)
*Barbsyrup*, Brown & Polson Ltd. (C)
*Barn*, Golden Produce Chicken Ltd. (M)
*Barnook*, Barnett, Jack L., Ltd. (PM)
*Baron*, Pork Farms Ltd. (M)
*Baroness*, FMC (Meat) Ltd., Poultry Division (M)
*Barrie–Dundee*, Strathmore Springs Ltd. (M)
*Barrywald*, Saniguard Appliances Ltd. (P)
*Bartelt*, Pacunion Ltd. (P)
*Baselock*, Sauven Marking Machine Co. (P)
*Batch-flo*, Baker Perkins Ltd. (P)
*Battle Creek*, Carrington Packaging Ltd. (P)
*Bauer*, Convertex Machinery Ltd. (P)
*Bavarian Supreme*, British Bakels Ltd. (C)
*Bazooka*, A. & B. C. Chewing Gum Ltd. (M)
*Beacon*, Anderson & Coltman Ltd. (C)
*Beacon*, FMC (Meat) Ltd., Poultry Division (M)
*Beanstalk*, Access Equipment Ltd. (P)
*Bear*, Reckitt & Colman Food Division (M)
*Beatrice*, Semmons, Taylor Co. (U.K.) Ltd. (C)
*Beaver*, Hildebarndt, C. F., Mills (London) Ltd. (C)
*Becas*, Bender & Cassel Ltd. (M)
*Becker Twin Lift*, Becker Equipment & Lifts Ltd. (P)
*Bee*, F.M.C. (Meat) Ltd., Poultry Division (M)
*Beech Nut*, Rowntree Mackintosh Ltd. (M)
*Beechwood*, Scot Bowyers Ltd. (M)
*Beetop Sauce*, Hazlewood & Co. (Products) Ltd. (M)
*Bel Claro*, Macandrews & Forbes Ltd. (C)
*Bell & Gossett*, ITT Fluid Handling Ltd. (P)
*Belle Orchard*, Ledbury Preserves (1928) Ltd. (M)
*Belrose*, Elkes Biscuits Ltd. (M)
*Belroy*, RHM Foods Ltd. (M)
*Bemax*, Beecham Foods (M)
*Benedict*, Beaulah, J. & J., Ltd. (M)
*Bensal*, Butterfield Laboratories Ltd. (C)
*Bensan*, Daniel, H. E., Ltd. (C)
*Benshaws*, Shaw, Benjamin, & Sons Ltd. (M)
*Bermaline*, Montgomerie & Co. Ltd. (M)
*Be-Ro*, RHM Foods Ltd. (M)
*Besco*, Edwards, F. J., Ltd. (P)
*Bespro*, British Soya Products Ltd. (C)
*Best English Mints*, Craven, M. A., & Son Ltd. (M)
*Bestever*, British Miller Hydro Co. Ltd. (P)
*Best Wishes*, Callard & Bowser Ltd. (M)
*Bev*, Lyons, J., & Co. Ltd. (M)
*Bevena*, Bevan, A. E., Ltd. (C)
*Bex*, Albright & Wilson Ltd., Oldbury Division (C)
*Bexthene 'S'*, BXL Flexible Packaging Division (PM)
*Bexuda*, Becker Equipment & Lifts Ltd. (P)
*Bi-Pak*, Mardon Son & Hall Ltd. (PM)
*Bicep Hydraulic Lifters*, Access Equipment Ltd. (P)
*Big D Nuts*, Smiths Food Group (M)
*Bigga Peas*, Batchelor's Foods Ltd. (M)
*Bikini*, Fielden Electronics Ltd. (P)
*Bindler*, Bartleet, Norman, Ltd. (P)
*Bingo*, Bing's Mineral Waters Ltd. (M)
*Bin Master*, Powell & Co. (P)
*Birds*, General Foods Ltd. (M)
*Biro*, Bizerba Ltd. (P)
*Biscote*, Brand Packaging Ltd. (PM)
*Bi Seat Two*, Bailey, Sir W. H., & Co. Ltd. (P)
*Bisol*, B.P. Chemicals (U.K.) Ltd. (C)
*Bisto*, RHM Foods Ltd. (M)
*Bittra*, Suchard Chocolate Ltd. (M)
*Black Diamond*, Dairy Produce Packers Ltd. (M)
*Black Diamond*, Gomersall's Magpie Minerals Ltd. (M)
*Black Magic*, Rowntree Mackintosh Ltd. (M)
*Bladud*, Spear Bros. & Clark Ltd. (M)
*Blencut*, Electromagnets Ltd. (P)
*Blendesi*, Sefcol (Sales) Ltd. (C)
*Blendex*, Procter & Gamble Ltd. (C)
*Blendlux*, Crompton Parkinson Ltd. (P)
*Blendtrol*, Foxboro-Yoxall Ltd. (P)
*Bloomfix*, Lucas, T. & Co. Ltd. (C)
*Bloomoist*, Lochore & Ferguson Ltd. (C)
*Blue Band*, Van den Berghs (M)
*Bluebell*, Biddle Sawyer Foods. Ltd. (C)
*Bluebell*, Bell, R. F., & Son Ltd. (C)
*Blue Bird*, Vincent, Harry, Ltd. (M)
*Blue Boy*, Daintee Chocolate Confectionery Co. (M)
*Blue Cap*, Lovell & Christmas Ltd. (M)
*Blue Churn*, Walker's Nonsuch Ltd. (M)
*Blue Crest*, Paine & Co. Ltd. (M)
*Blue Joys*, Daniels, S., & Co. Ltd. (C)
*Blue Riband*, Gray Dunn & Co. Ltd. (M)
*Blue Riband*, Rowntree Mackintosh Ltd. (M)
*Blue River*, Hay, William, & Sons (Aberdeen) Ltd. (M)
*Blue Rosette*, F.M.C. (Meat) Ltd., Poultry Division (M)
*Blue Seal*, Clayton & Jowett Ltd. (C)
*Boabands*, Gerrard Industries (P) (PM)
*Bobby Gum*, Matlow Bros. Ltd. (M)
*Bodyline*, Serck Audco Valves (P)
*Bohemia*, Rukon Food Co. Ltd. (C)
*Bondi's*, Vesop Products Ltd. (M)
*Bonovin*, Homestead Produce Co. (L'pool) Ltd. (M)
*Bonsanté*, Bush Boake Allen Ltd. (C)
*Bonus*, British Soya Products Ltd. (C)
*Boost*, Crimony Co. Ltd. (M) (C)
*Booster*, Naarden (London) Ltd. (C)
*Borbak*, Borwick, George, & Sons Ltd. (M)
*Boreas*, Lacy-Hulbert & Co. Ltd. (P)
*Boreasol*, Lacy-Hulbert & Co. Ltd. (P)
*Boryl RHM* Ingredient Supplies Ltd. (C)
*Boss*, Selo-Bollans Ltd. (P)

*Boss*, Lancer Boss Ltd. (P)
*Bossy Boo*, Davis, Leon, & Co. Ltd. (PM)
*Bottemaster*, Mardon Son & Hall Ltd. (PM)
*Bouncing Setla*, Thames Packaging Equipment Co. Ltd. (PM)
*Bounty*, Mars Ltd. (M)
*Bournville*, Cadbury Ltd. (M) (C)
*Bourn-Vita*, Cadbury Typhoo Ltd. (M)
*Bowling*, Tanks & Drums Ltd. (PM)
*Bowyers*, Unigate Ltd. (M)
*Boxmag*, Electromagnets Ltd. (P)
*Boy Blue*, House of Clarks Ltd. (M)
*Brand's*, RHM Foods Ltd. (M)
*Bread Fat*, Proctor & Gamble Ltd. (C)
*Breakaway*, Gray, Dunn & Co. Ltd. (M)
*Bredsoy*, British Soya Products Ltd. (C)
*Brettair*, Canterbury Conveyors Ltd. (P)
*Breton*, Sharwood, J. A. & Co. Ltd. (M)
*Brex*, Butterfield Laboratories Ltd. (C)
*Bridal*, Pumphrey, W. & M., Ltd. (M) (C)
*Brilard*, Breiss & Co. Ltd. (C)
*Bristol Castle*, Spear Bros. & Clark Ltd. (M)
*Britannia*, Canada Dry (U.K.) Ltd. (M)
*Britekote*, Smith & McLaurin Ltd. (PM)
*Britfilm*, Mardon Flexible Packaging Ltd. (PM)
*Britiona*, Paklite Ltd. (PM)
*Britt 550*, British Saccharin Sales Co. Ltd. (C)
*Brittex*, British Bakels Ltd. (C)
*Brittsol*, British Saccharin Sales Co. Ltd. (C)
*Britus*, Briess Co. Ltd. (C)
*BritviC*, British Vitamin Products Ltd. (M)
*Broadway Caramel*, Clark, George, & Son, Ltd. (C)
*Bromasay*, British Soya Products Ltd. (C)
*Brooke Farm*, Brooke Bond Oxo Ltd. (M)
*Brooke Farm*, Brooke Bond Oxo Frozen Foods Ltd. (M)
*Broomatic*, Compair Industrial Ltd. (P)
*Broomwade*, Compair Industrial. Ltd. (P)
*Brown & Polson*, CPC (United Kingdom) Ltd. (M)
*Brownline*, Tridair Industries Ltd. (P)
*Brytees*, Harradine, J., & Sons Ltd. (M)
*Brytlite*, Rakusen, Lloyd, & Sons Ltd. (C)
*Bucrem*, Cumming, Alfred, P., Ltd. (M) (C)
*Buffalo*, Brown & Polson Ltd. (C)
*Bull*, Cyril Hurvitz (U.K.) Ltd. (C)
*Bulldog*, Smith & McLaurin Ltd. (PM)
*Bundo-X*, British Bakels Ltd. (C)
*Bun-Glaze*, Peter's Patent Powder Works Ltd. (M) (C)
*Bungold*, British Arkady Co. Ltd. (C)
*Bunkum*, British Soya Products Ltd. (C)
*Burtons*, Associated British Foods Ltd. (M)
*Butland*, Branwell, Arthur, & Co. Ltd. (C)
*Butlers*, Maxons Ltd. (M)
*Butrex*, Cumming, Alfred P., Ltd. (M) (C)
*Buttamix*, Lofil Ltd. (C)
*Butterball*, Swift & Co. Ltd. (M)
*Buttercup*, Swift & Co. Ltd. (M)
*Butterfly*, Jones, Samuel, & Co. Ltd. (PM)
*Butterfull*, Parry's Butterfull Cakes Ltd. (M)
*Butterkist*, House of Clarks Ltd. (M)
*Butter Market*, Vasmers Ltd. (C)
*Buttery*, RHM Foods Ltd. (M)
*Buttons Coconut Bar*, Jamesons Chocolates Ltd. (M)
*Buxted*, Ross Poultry Ltd. (M)
*Buzz-away*, Crompton Parkinson Ltd. (P)
*Byforsate*, British Soya Products Ltd. (C)

## C

*C. 70*, Soya Foods Ltd. (C)
*C & C*, Cantrell & Cochrane Ltd. (M)
*C.C. Flour*, Carrs Flour Mills Ltd. (M)
*C & K*, Carrington Packaging Ltd. (P)
*CSP* 60, British Bakels Ltd. (C)
*CSP* 62, British Bakels Ltd. (C)
*C.Y.*, Follsain-Wycliffe Foundries Ltd. (P)
*Cabulite*, M. & B. Plastics Ltd. (PM)
*Cadet*, Vanmar Products Ltd. (P)
*California Revival*, Hardeman, Linda (Health Foods) Ltd. (M)
*Calypso*, Goldwell Ltd. (M)
*Camberzyme*, London Oil Medina Ltd. (C)
*Cambridge Formula Loaf*, Spillers-French Baking Ltd. (M)
*Cambridge Minican*, Cambridge Instrument Co. Ltd. (P)
*Cambridge Numalec*, Cambridge Instrument Co. Ltd. (P)
*Cambridge Unipivot*, Cambridge Instrument Co. Ltd. (P)
*Cambrine*, Medina Refinery (Camberine) Ltd. (C)
*Camp*, Paterson, R. & Sons Ltd. (M)
*Campine*, Medina Refinery (Camberine) Ltd. (C)
*Campol*, Medina Refinery (Camberine) Ltd. (C)
*Camwal*, Canada Dry (U.K.) Ltd. (M)
*Can Pack*, Robinson & Sons Ltd. (PM)
*Canacert*, Pointing, Ltd. (C)
*Can-Band*, Austin Packaging Ltd. (P)
*Candyflow*, Baker Perkins Ltd. (P)
*Candy House*, Docwra, H. M., Ltd. (M)
*Canners*, Goodyear Tyre & Rubber Co. (Gt. Britain) Ltd. (P)
*Cano*, Iberian Foods Ltd. (C)
*Canoe*, Barrow, Lane & Ballard Ltd. (C)
*Capitol*, Briess & Co. Ltd. (C)
*Capitol*, Forbes Simmers Ltd. (M)
*Capsaroma*, Naarden (London) Ltd. (C)
*Captarome*, Barnett & Foster Ltd. (M)
*Carabuta*, Loders & Nucoline Ltd. (C)
*Caramac*, Rowntree Mackintosh, Ltd. (M)
*Caramac Line*, Goldrei, Ch., Foucard & Son Ltd (C)
*Carameline*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Caramellone*, Florasynth Ltd. (C)
*Carbo-Cooler*, Mojonnier Bros. Co. (P)
*Carbo-Mix*, Mojonnier Bros. Co. (P)
*Carco*, Carrs Paper Ltd. (PM)
*Cardinal*, Anderson & Coltman Ltd. (C)
*Cardinal*, Lehmann, R., & Co. Ltd. (C)
*Cargomaster*, Plenty & Son Ltd (P)
*Cargomatic*, Tridair Industries Ltd (P)
*Carmeile*, Green, H. J., & Co. Ltd. (M)
*Carmline*, Carrier Eng. Co. Ltd. (P)
*Carnacert*, Pointing, L. J., & Sons Ltd. (C)
*Carn Brea Castle*, Spear Bros. & Clark Ltd. (M)

*Carona*, Beecham Products (U.K.) Division (M)
*Carousel*, Vanmar Products Ltd. (P)
*Carribelt*, Douglas-Rownson Ltd. (P)
*Carrousel*, Simon-Hartley Ltd. (P)
*Carsons*, Cavenham Confectionery Ltd. (M)
*Cartofreeze*, Frigoscandia Contracting Ltd. (P)
*Cartron*, Rockwell Pneumatic Scale Ltd. (P)
*Cartside*, Smith & McLaurin Ltd. (PM)
*Casadio*, Smith, O. L., & Co. Ltd. (P)
*Cascade*, British Arkady Co. Ltd. (C)
*Cascade Finex*, Russell Finex Ltd. (P)
*Cascaflex*, Bakelite Xylonite Ltd. Cascelloid Div. (PM)
*Cascapak*, Bakelite Xylonite Ltd. Cascelloid Division (PM)
*Cascelloid*, Bakelite Xylonite Ltd., Cascelloid Division (PM)
*Cascogel*, Borden (U.K.) Ltd. (Arabol Edwardson Div.) (PM)
*Cascomelt*, Borden (U.K.) Ltd. (Arabol Edwardson Div.) (PM)
*Cascogel*, Borden (U.K.) Ltd. (Arabol Edwardson Div. (PM)
*Cashewnutta*, Mapleton's Foods Ltd. (M) (C)
*Casilan*, Glaxo Laboratories Ltd. (M)
*Castle*, Craigmillar (C)
*Castle Rock*, Cheese Straws (Cheddar) Ltd. (M)
*Caterpac*, McCain International Ltd. (M)
*Caterware*, Alcan Ekco Ltd. (P) (PM)
*Cavalier*, Nation, Edward J., & Co. Ltd. (C)
*Cavanna*, Rockwell Packaging Machines Ltd. (P)
*Cavray*, Cavaghan & Gray Ltd. (M)
*Caxchoc*. Caxton Chocolate Co. Ltd. (C)
*Ceca Monobloc*, British Ceca Co. Ltd. (P)
*Cekatainer*, Taylowe Ltd. (P) (PM)
*Cekavac*, Taylowe Ltd. (P) (PM)
*Celacol*, British Celanese Ltd. (C)
*Celatron*, British Celanese Ltd. (PM)
*Celcius*, Thomas, W. K., & Co. (PM)
*Celebration*, Culpitt, G. T., & Son Ltd.
*Celeste*, Crompton Parkinson Ltd. (P)
*Cellastine*, British Celanese Ltd. (PM)
*Cellophane*, British Cellophane Ltd. (PM)
*Celmar*, British Celanese Ltd. (PM)
*Celplus*, Daniel, H. E., Ltd. (C)
*Centrac*, Banister Street Works Ltd. (P)
*Cereal Pak*, McMillan's Food Products (M)
*Cerebos*, RHM Foods Ltd. (M)
*Cerelose Powdered Glucose*, Corn Products (Sales) Ltd. (C)
*Certicol*, Williams (Hounslow) Ltd. (C)
*Certipak*, Tillotsons (Liverpool) Ltd. (PM) (P)
*Certipak*, Thyne, William, Ltd. (PM)
*Certo*, General Foods Ltd. (M)
*Certolake*, Williams (Hounslow) Ltd. (C)
*Cevac*, Worthington-Simpson Ltd. (P)
*Champion*, Angel Truck Co. Ltd. (P)
*Champion*, Medcalfe & Co. (1950) Ltd. (P)
*Chandy*, White, R., & Sons Ltd. (M)
*Channel Maid*, Albany Meat Products Ltd. (M)
*Charmlight*, Crompton Parkinson Ltd. (P)
*Chase & Sanborn*, Standard Brands Ltd. (M).
*Cheerio*, Smith, P., & Co. (Liverpool) Ltd. (M)
*Cheers*, Matlow Bros. Ltd. (M)
*Cheez Whiz*, Kraft Foods Ltd. (M)
*Chef*, Nestlé Co. Ltd. (M)
*Chef-de-Set*, Goodwin Tidswell (1968) Ltd (C)
*Chef Peas*, Batchelors Foods Ltd. (M)
*Chekkers*, Smiths Food Group (M)
*Chellies*, Stewart, Wm. & Arnold Ltd. (C)
*Chemtite*, National Adhesives & Resins Ltd. (PM)
*Chempump*, A.P.V.-Osborne Craig Ltd. (P)
*Chequers*, Newbury Mineral Water Co. Ltd. (M)
*Cherry 'B'*, British Vitamin Products Ltd. (M)
*Chesswood*, RHM Foods Ltd. (M)
*Chevler*, Cheverton & Laidler Ltd. (PM)
*Chickjoy*, Premier Poultry Packers Ltd. (M)
*Chic-o-roll*, Zee Fraiza Speciality Foods Ltd. (M)
*Chieftain*, British Fermentation Products Ltd. (C)
*Chip Sauce*, Hazlewood & Co. (Products) Ltd. (M)
*Chipitos*, Smiths Food Group (M)
*Chipples*, Dornay Foods (M)
*Chipsticks*, Smiths Food Group (M)
*Chivers*, Cadbury Typhoo Ltd. (M)
*Chivers Welsh*, British Vinegars Ltd. (M)
*Chlorolum*, M. & B. Plastics Ltd. (PM)
*Choclin*, Loders & Nucoline Ltd.
*Chocolate Dream*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Chocoletti*, Lindt (England) Ltd. (M)
*Chocrem*, Cumming, Alfred P., Ltd. (M)
*Chocwell*, Goodwin Tidswell (1968) Ltd. (C)
*Cho-Hone*, Bristow's of Devon (Manufacturing) Ltd. (M)
*Chopper*, Israel, Jack L., Ltd. (C)
*Chork*, Hall, David A., Ltd. (M)
*Chubby Chicken*, Eastwood, W. & J. B., Ltd. (M)
*Chuck*, Gomersall's Magpie Minerals Ltd. (M)
*Chukie*, Wood, J. P., & Sons (Poultry) Ltd. (M)
*Churry*, Manor Vinegar Brewery Co. Ltd. (M)
*Cidal*, Bibby, J., & Sons Ltd. (M)
*Cidona*, Bulmer, H. P., Ltd. (M)
*Cintel*, Rank Pullin Controls (P)
*Ciponyl*, M. & B. Plastics Ltd. (PM)
*Citra*, Crystal Spring Ltd. (*M*)
*Citrosynth*, Florasynth Ltd. (C)
*Clan*, Inveresk Paper Co. Ltd. (PM)
*Clan Maid*, Lochore & Ferguson Ltd. (C
*Clarcel*, British Ceca Co. Ltd. (P)
*Clarifoil*, British Celanese Ltd. (PM)
*Clarion*, Bristow's of Devon (Manufacturing) Ltd. (M)
*Clarklift*, Clark Equipment Ltd. (P)
*Clarkson*, Clarkson Valve Co. Ltd. (P)
*Clarnico*, Trebor Sharps Ltd. (M)
*Classic*, Badex Ltd. (M) (C)
*Claymore*, North of Scotland Milk Marketing Board (M)
*Clayton*, GEC Diesels Ltd. (P)
*Clean-Aid*, Powell & Co. (P)
*Cleancone*. Telcon-Process. (P)
*Cleandrum*, Telcon-Process. (P)

*Clean-Pac*, Star Container Products Ltd. (PM)
*Clear-Flo Filters*, Bivac Air Co. Ltd. (P)
*Clearjel*, Laing National Ltd. (C)
*Clearspan*, Foster Cambridge Ltd. (P)
*Clearway*, Foster Cambridge Ltd. (P)
*Clenelite*, Crompton Parkinson Ltd. (P)
*Climax*, Coventry Climax Engines Ltd. (P)
*Clinch*, Access Equipment Ltd. (P)
*Clingo-Rap*, Perfarap Ltd. (PM)
*Clipclosure*, Dickinson, John, & Co. Ltd. (PM)
*Club*, Cantrell & Cochrane (Gt. Britain) Ltd. (M)
*Club*, Cantrell & Cochrane Ltd. (M)
*Cluster-Pak*, Mardon & Son & Hall Ltd. (PM)
*Coata*, Duckham, Alexander, & Co. Ltd. (PM)
*Coberine*, Loders & Nucoline Ltd. (C)
*Cockade*, Pickerings Foods Ltd. (M)
*Cocktail*, British Preserves Ltd. (M)
*Codapack*, Sauven Marking Machine Co. (P)
*Codareel*, Sauven Marking Machine Co. (P)
*Codatape*, Sauven Marking Machine Co. (P)
*Codedge*, Sauven Marking Machine Co. (P)
*Coffee Cupid*, Bramah Tea & Coffee Ltd. (M)
*Coffee King*, Glenville Ltd. (M)
*Coffee Mate*, Carnation Foods Co. Ltd. (M)
*Col Flo 67*, Laing National Ltd. (C)
*Coldpak*, Douglas-Rownsons Ltd. (P)
*Collagele*, Bush Boake Allen Ltd. (C)
*Collamat*, Sessions, William, Ltd. (PM)
*Collin Glen*, Producers Bacon Co. (Collin Glen) Ltd. (M)
*Collocal*, Crookes Laboratories Group Ltd. (C)
*Collosols*, Crookes Laboratories Group Ltd. (C)
*Collotone*, Crookes Laboratories Group Ltd. (C)
*Coloflex*, Colodense Ltd. (PM)
*Cololam*, Colodense Ltd. (PM)
*Cololoc*, Colodense Ltd. (PM)
*Colorex*, RHM Ingredient Supplies Ltd. (C)
*Colostrip*, Colodense Ltd. (PM)
*Colourglaze*, Crompton Parkinson Ltd. (P)
*Colset*, Badex Ltd. (M) (C)
*Colunio*, Duckworth-Colunio Ltd. (P)
*Combat*, Crompton Parkinson Ltd. (P)
*Combinene*, Bush Boake Allen Ltd. (C)
*Comelle*, Pritchitt, L. E., & Co. Ltd. (M)
*Comitrol*, Urschel International Ltd. (P)
*Compact*, Gardner, John, & Son (P)
*Compass*, Gunstone, Wm., & Sons Ltd. (M)
*Complan*, Glaxo Laboratories Ltd. (M)
*Compton*, Dawson McDonald & Dawson Ltd. (P)
*Compuprint*, Sessions, William, Ltd. (PM)
*Confegg*, British Fondants Ltd. (C)
*Conform*, Greer, J. W., Co. Ltd. (P)
*Conlite*, Containers & Closures Ltd. (PM)
*Conquest*, Soya Foods Ltd. (C)
*Conquest*, Spillers Ltd. (M)
*Conrad*, Biddle, F. H., Ltd. (P)
*Conslab*, Greer, J. W., Co. Ltd. (P)
*Consotrol*, Foxboro-Yoxall Ltd. (P)
*Contifiller*, Foodtech Ltd. (P)
*Contiflow*, Rockwell Packaging Machines Ltd. (P)
*Continental*, Beech's Chocolates Ltd. (M)
*Continental*, G.E.C.-Elliott Control Valves Ltd. (P)
*Continental*, Willcocks Ltd., W. H. (C)
*Conto*, Rockwell Packaging Machines Ltd. (P)
*Contour*, Wander Ltd. (M)
*Contrast*, Cadbury Ltd. (M)
*Contrast*, Crompton Parkinson Ltd. (P)
*Convectoradiant*, Baker Perkins Ltd. (P)
*Conwey*, Locker Industries Ltd. (P)
*Cookeen*, Van Den Berghs (M)
*CooksTown*, Northern Ireland Farmers Bacon Co. Ltd. (M)
*Coolcoa*, Loders & Nucoline Ltd. (C)
*Coolie*, Polymathic Engineering Co. Ltd. (P)
*Coolie Cub*, Polymathic Engineering Co. Ltd. (P)
*Copland*, Baker Perkins Ltd. (P)
*Coplastic*, Cope Allman International Ltd. (PM)
*Coratex*, CPC (United Kingdom) Ltd. (PM)
*Cornetta*, Craigmillar (C)
*Coronation*, Anderson & Coltman Ltd. (C)
*Coronet*, Duché, T. M., & Sons (U.K.) Ltd. (C)
*Coronet*, Spear Bros. & Clark Ltd. (M)
*Corotex*, Stace, Leonard, Ltd. (PM)
*Corra-Trough*, Numec Ltd. (P)
*Corruganza*, Stevenson, Hugh & Sons Ltd. (PM)
*Corrugel*, Starch Products Ltd. (PM)
*Corsair*, Anderson & Coltman Ltd. (C)
*Corvel*, Polypenco Ltd. (P)
*Corvic*, Imperial Chemical Industries Ltd. (PM)
*Cotswold*, Paterson's Scottish Shortbread Ltd. (M)
*Cotswold Supreme*, Matthews, F. W. P., Ltd. (M)
*Cottage*, Manor Vinegar Brewery Co. Ltd. (M)
*Cottage Rusks*, RHM Ingredient Supplies Ltd. (C)
*Cottontop*, Angus, George, & Co. Ltd. (P)
*Country Girl*, F.M.C. (Meat) Ltd., Poultry Division (M)
*Country Life*, RHM Foods Ltd. (M)
*Country Maid*, Kent Co-operative Society Ltd. (M)
*Country Market*, Beaulah, J. & J., Ltd. (M)
*Courlose*, British Celanese Ltd. (C)
*Courtland*, Plastiers Ltd. (PM)
*Cova-Choc*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Cova Paste*, Goldrei Ch., Foucard & Son Ltd. (C)
*Covatex*, Smith & Nephew Plastics Ltd. (PM)
*Covenanter*, Ferguson, J. & A., (Bakers) Ltd. (M)
*Coventry*, Renold Ltd. (P)
*Cow & Gate*, Unigate Ltd. (M)
*Cox/Denholm*, Cox Ovenbuilders Ltd. (P)
*Coykittie*, Anderson & Coltman Ltd. (C)
*Cracker Barrel*, Kraft Foods Ltd. (M)
*Cradle Pack*, Bowater Packaging Ltd. (PM)
*Crawfords*, United Biscuits Ltd. (M)
*Craylene*, Greenwich Plastics Ltd. (PM)
*Craylon*, Commercial Plastics Ltd. (PM)
*Craypak*, Greenwich Plastics Ltd. (PM)

*Craytherm*, Greenwich Plastics Ltd. (PM)
*Creamed Coconut*, Mapleton's Foods Ltd. (M)
*Cream Line*, Callard & Bowser Ltd. (M)
*Creme Delikat*, Dohler (U.K.) Ltd. (C)
*Crememaker*, Baker Perkins Ltd. (P)
*Cremodan*, Grindsted Products Ltd. (C)
*Cremor*, Bush Boake Allen Ltd. (C)
*Crescent Bee*, Selo-Bollans Ltd. (P)
*Cresta*, Custance, J. C., & Co. Ltd. (P)
*Cresta*, Greco's Biscuits Ltd. (M)
*Cresta*, Swift & Co. Ltd. (M)
*Cresta*, Schweppes Ltd. (M)
*Crimaroon*, Crimony Co. Ltd. (M) (C)
*Crimarzi*, Crimony Co. Ltd. (M) (C)
*Crimex*, Crimony Co. Ltd. (M) (C)
*Crisbak*, Procter & Gamble Ltd. (C)
*Crispea*, Craigmillar (C)
*Crispinol*, London Oil Medina Ltd. (C)
*Crisp-It*, Bright, Henry, & Sons Ltd. (M)
'*Crisp'n Dry*' (*Spry*), Van den Berghs (M)
*Croid*, Croda Polymers Group Ltd. (PM)
*Croklaan*, Goldrei, A., & Co. Ltd. (C)
*Crompack*, Crompton Parkinson Ltd. (P)
*Cromp-Arc*, Crompton Parkinson Ltd. (P)
*Crown Brand*, Harris, C. & T., (Calne) Ltd. (M)
*Crown Crisps*, Johnson's Food Products (Kirkham) Ltd. (M)
*Crown Derby*, Hazlewood & Co. (Products) Ltd. (M)
*Crown E*, Edwards, Louis C., & Sons (Manufacturing) (M)
*Crown Flour*, Allied Mills Ltd. (M)
*Crown Regal*, Edwards, Louis C., & Sons (Manufacturing) (M)
*Croydon*, Dubuis & Rowsell Ltd. (C)
*Cruise-Studson*, Invicta Sheet Metal Co. Ltd. (P)
*Crumblets*, Atkinsons of Windermere (M)
*Crunchie*, Cadbury Ltd. (M)
*Crunchnut*, Crimony Co. Ltd. (M)
*Crusha*, Rayner & Co. Ltd. (M) (C)
*Cryovac*, Grace, W. R., Ltd. (P) (PM)
*Crystal*, British Arkady Co. Ltd. (C)
*Crystal Gum*, Laing National Ltd. (C)
*Crystalex*, Union Crystalex Gelatine Ltd. (C)
*Crystodex*, Albion Sugar Co. Ltd. (C)
*Crystodex*, Lancashire Condenseries Ltd. (C)
*Crystose*, Lancashire Condenseries Ltd. (C)
*Cubs*, Nabisco Ltd. (M)
*Cucumber*, Berisford, S. & W., Ltd. (M)
*Cuibon*, Ascoli Ltd. (P)
*Cunningham*, Fowler, Frederick, (Sheffield) Ltd. (M)
*Curaphos*, Fibrisol Services Ltd. (C)
*Curly Tail Lard*, Kilvert, N., & Sons Ltd. (M)
*Curly Wurly*, Cadbury Ltd. (M)
*Curo*, RHM Ingredient Supplies Ltd. (C)
*Cushy Pads*, Abbott's Packaging Ltd. (PM)
*Custard De-Lux*, Peters Patent Powder (C)
*Cutisin*, Lipton, C. H., & Co. Ltd. (C)
*Cyc-Arc*, Crompton Parkinson Ltd. (P)
*Cyclelog*, Foxboro-Yoxall Ltd. (P)
*Cyclelor*, Foxboro-Yoxall Ltd. (P)
*Cyclotherm*, Baker Perkins Ltd. (P)
*Cyder Royal*, Whiteways of Whimple Ltd. (M)
*Cydrax*, Whiteways of Whimple Ltd. (C)

## D

*D.C.L.*, Distillers Co. Ltd. (Yeast & Food Div.) (M)
*D & G*, Badex Ltd. (M)
*D. & R.*, Dubuis & Rowsell Ltd. (C)
*D/S*, Evode Ltd. (PM)
*Dablicator*, Paperwork Holdings Ltd. (PM)
*Daddies*, Smedley-HP Foods Ltd. (M)
*Dad's Cookies*, Bridgewater, G. & T. (M)
*Dainty Dinah*, Daintee Chocolate Confectionery Co. (Blackpool) Ltd. (M)
*Dairiflex*, Pakcel Converters Ltd. (PM)
*Dairy Box*, Rowntree Mackintosh Ltd. (M)
*Dairyboy*, Garvin, L., & Co. Ltd. (C)
*Dairy Crest*, Milk Marketing Board (M)
*Dairy Farm*, Anglia Canners (Wetherby) Ltd. (M)
*Dairylea*, Kraft Foods Ltd. (M)
*Dairyman*, Garvin, L., & Co. Ltd. (C)
*Dairy Milk*, Cadbury Ltd. (M)
*Daisy*, Anderson & Woodthorpe Ltd. (M)
*Daisy*, Morrell, John, & Co. Ltd. (M) (C)
*Daisy Meadow*, Adkins, W. J. (Cambridge) Ltd. (M)
*Dalamatic*, Dust Control Equipment Ltd. (P)
*Dale*, Heap, Joseph & Sons Ltd. (M)
*Dale*, Peerless Refining Co. (Liverpool) Ltd. (C)
*Dale Farm*, Northern Dairies Ltd. (M)
*Dalfcol*, Butterfield Laboratories Ltd. (C)
*Danny-Cola*, Daniel, H. E., Ltd. (C)
*Danoran*, Daniel, H. E., Ltd. (C)
*Danoxa*, Daniels, S., & Co. Ltd. (C)
*Dantrout*, Compass House Ltd. (M)
*Daraseal*, Grace, W. R., Ltd. (P) (PM)
*Darex*, Grace, W. R., Ltd. (P) (PM)
*Darpan*, British Arkady Co. Ltd. (C)
*Dasa*, Iberian Foods Ltd. (C)
*Dawn*, Craigmillar (C)
*Day-Dream*, Goldrei, Ch., Foucard & Son Ltd. (C)
*De-Acidite*, Permutit-Boby Ltd. (P)
*De-Caffeinazed Instant Coffee*, Symington, Thos., & Co. Ltd. (M)
*Decora*, U.M.P. Venesta Ltd. (PM)
*Decorette*, Minnesota Mining & Mfg. Co. Ltd. (PM)
*Decorettes*, Southwell, Chas., & Co. Ltd. (M)
*Dega*, Zimmermann, Charles, & Co. Ltd. (C)
*Degesch*, Etoxin Ltd. (P)
*De Laval*, Alfa-Laval Co. Ltd. (P)
*Delberry*, Avana Group Ltd. (M)
*Delberry*, Jones, D., Dickinson Co. Ltd. (M)
*Delicia*, Appleford Ltd. (M)
*Delights*, Rowntree Mackintosh Ltd. (M)
*Del Monte*, Lincolnshire Canners Ltd. (M)
*De L'Ora*, Ledbury Preserves (1928) Ltd. (M)
*Delseal*, Smith & McLaurin Ltd. (PM)
*Delta*, Peerless Refining Co. (Liverpool) Ltd. (C)
*Delta Pumps*, Watson-Marlow Ltd. (P)
*Delvana*, Avana Group Ltd. (M)
*Delvana*, Jones, D., Dickinson Co. Ltd. (M)
*Deminrolit*, Permutit-Boby Ltd. (P)
*Dems*, Harradine, J., & Sons Ltd. (M)
*Denton*, Fawcett (South Shields) Ltd. (M)
*Dentyne*, Hall Bros. (Whitefield) Ltd. (M)

*Derby*, Rejafix Ltd. (P)
*Desco*, Dairy Supply Co. Ltd. (P) (PM)
*Detex*, Sessions, William, Ltd. (PM)
*Devon*, Rejafix Ltd. (P)
*Devon Maid*, Goodbody, C. A. & W., Ltd. (M)
*Devon Milk*, Terry, Joseph & Sons Ltd. (M)
*Dewcel*, Foxboro-Yoxall Ltd. (P)
*Dexo*, Craigmillar (C)
*Diagoline*, Bambergers Pallets & Cases Ltd. (P)
*Diajel*, Nelson Preserving Co. Ltd. (M)
*Dialset*, Drayton Controls Ltd. (P)
*Diamond*, London Aluminium Co. Ltd. (PM)
*Diamond*, Burton Son & Sanders Ltd. (C)
*Diamond "B"*, Brekkes Ltd. (M)
*Diana*, McDonald, Gerald, & Co. Ltd. (C)
*Diasoy*, Soya Foods Ltd. (C)
*Dietade*, Appleford Ltd. (M)
*Dimodan*, Grindsted Products Ltd. (C)
*Dinkum*, United Bakeries Ltd. (M)
*Dine*, Dornay Foods (M)
*Dinna Peas*, Batchelor's Foods Ltd. (M)
*Diocote*, Transparent Paper Ltd. (PM)
*Diofoil*, Transparent Paper Ltd. (PM)
*Diolam*, Transparent Paper Ltd. (PM)
*Diolok*, Metal Box Co. Ltd. (PM)
*Diolon*, Transparent Paper Ltd. (PM)
*Diomex*, Transparent Paper Ltd. (PM)
*Diophane*, Transparent Paper Ltd. (PM)
*Dioplex*, Transparent Paper Ltd. (PM)
*Diosna*, Pelkman, John, Eng. Co. Ltd. (P)
*Diotite*, Metal Box Co. Ltd. (PM)
*Direc-Transfer Labeller*, Rockwell Pneumatic Scale Ltd. (P)
*Dischil Cardice*, Distillers Co. (Carbon Dioxide) Ltd. (C)
*Disney Pop*, Crystallized Confections (Tip Top) Ltd. (M)
*Dispersonic*, Ultrasonics Ltd. (P)
*Ditting*, Bizerba Ltd. (P)
*Dives*, Glenville's Ltd. (M)
*Dixons*, Maxons Ltd. (M)
*Doco*, DCA Industries Ltd. (P)
*Docomatic*, DCA Industries Ltd. (P)
*Dodco*, Anderson & Coltman Ltd. (C)
*Doloma*, London Oil Medina Ltd. (C)
*Dolphin*, Craigmillar (C)
*Dolphin*, Megator Pumps & Compressors Ltd. (P)
*Domul*, London Refiners Ltd. (C)
*Donald*, A. P. Manufacturing Co. Ltd. (P)
*Donald*, Douglas-Rownson Ltd. (P)
*Donald Duck*, Compass House Ltd. (M)
*Donuxo*, Scottish Flavour & Colour Co. Ltd. (M)
*Dorset Knob*, Moores, S. (M)
*D.O. Sack*, Paper Sacks Ltd. (PM)
*Do-Soy*, British Arkady Co. Ltd. (C)
*Double-Life*, Crompton Parkinson Ltd. (P)
*Doublemint*, Wrigley Co. Ltd. (M)
*Double Star*, Solo Orchards Ltd. (C)
*Double Wall*, Boxfoldia Ltd. (PM)
*Double White*, Haworth, F. (A.R.C.) Ltd. (P)
*d/p Cell*, Foxboro-Yoxall Ltd. (P)
*Drake*, Albany Meat Products Ltd. (M)
*Dream Topping*, General Foods Ltd. (M)
*Dresser-Dri*, Applied Chemicals Ltd. (P)
*Dri-Cakex*, Bakery & Confectionery Products Ltd. (C)
*Drikold*, I.C.I. Agricultural Division (P)
*Drings*, Wall, T., & Sons, (Meat & Handy Foods) Ltd. (M)
*Dromona*, Milk Marketing Board for Northern Ireland (M)
*Drum*, F.M.C. (Meat) Ltd., Poultry Division. (M)
*Drum Major*, Mark-O-Print Ltd. (P)
*Drum Master*, Powell & Co. (P)
*Drybreak*, Emco Wheaton U.K. Ltd. (P)
*Dryella*, Food Industries Ltd. (C)
*Dryfix*, British Pepper & Spice Co. Ltd. (M) (C)
*Drylu*, Clifford Products Ltd. (P)
*Dry Mixes*, Crimony Co. Ltd. (M)
*Drysys*, Carrier Eng., Co. Ltd. (P)
*Drytex*, Dust Control Equipment Ltd. (P)
*Drytube*, Dust Control Equipment Ltd. (P)
*DuBarry*, Askeys Ltd. (M)
*Ducal*, Gunstone, Wm., & Sons Ltd. (M)
*Duchess*, Burton Son & Sanders Ltd. (C)
*Duette*, Gomersall's Magpie Minerals Ltd. (M)
*Dufrais*, British Vinegars Ltd. (M)
*Duo-grip*, Metal Closures Ltd. (P) (PM)
*Duotac*, Speedwork Labels Ltd. (P) (PM)
*Durabin*, P. D. (Technical Mouldings) Ltd. (P)
*Durite*, Locker Industries Ltd. (P)
*Duro*, Barker, Thos., of Manchester Ltd. (P)
*Duro-Lok*, National Adhesives & Resins Ltd. (PM)
*Duroma*, Dubuis & Rowsell Ltd. (C)
*Duropaque*, Sessions, William, Ltd. (PM)
*Dutch Barn*, Briess & Co. Ltd. (C)
*Dutch Pride*, Morrell, John, & Co. Ltd. (M)
*Duxbak*, Stace, Leonard, Ltd. (PM)
*Dynacrust*, British Arkady Co. Ltd. (C)
*Dyna-Do*, British Arkady Co. Ltd. (C)
*Dynaformer*, Foxboro-Yoxall Ltd. (P)
*Dynalog*, Foxboro-Yoxall Ltd. (P)
*Dynapoise*, Foxboro-Yoxall Ltd. (P)
*Dynarex*, British Arkady Co. Ltd. (C)
*Dynaspede*, Redman Heenan Froude Ltd. (P)
*Dynatherm*, Foxboro-Yoxall Ltd. (P)
*Dynocone*, International Combustion Ltd. (P)
*Dynoscreen*, International Combustion Ltd. (P)

## E

*E.C.D.*, Wallace & Tiernan Ltd. (P)
*EDL*, Engineering Developments (Farnborough) Ltd. (P)
*E.M. Foods*, Appleford Ltd. (M)
*E.M.S.*, Foodtech Ltd. (P)
*E.V.*, Follsain-Wycliffe Foundries Ltd. (P)
*Eagle Flour*, Allied Mills Ltd. (M)
*Easi-Clean*, National Adhesives & Resins Ltd. (PM)
*Easiclean*, Plenty & Son (P)
*Easilife*, Ward, N. Y. P., & Co. Ltd. (M)
*Easilock*, Mark-o-Print Ltd. (P)
*Eastern Dream*, Lings Ltd. (M)
*Easterton Village*, Moore, Samuel, Foods Ltd. (M)
*Easy-Clean*, Banister Street Works Ltd. (P)
*Easy-E*, G.E.C.-Elliott Control Valves Ltd. (P)
*Easy Icing*, Pumphrey, W. & M., Ltd. (M) (C)

*Eca*, Iberian Foods Ltd. (C)
*Echo*, Van Den Berghs (M)
*Eclipse*, Flower Faraday Ltd. (P)
*Ecoli*, Briess & Co. Ltd. (C)
*Econ-o-Bin*, Hestair Sherpa Ltd. (PM)
*Econodrum*, P. D. (Technical Mouldings) Ltd. (P)
*Econ-O-Lift*, Gough & Co. (Hanley) Ltd (P)
*Economix*, Viota Foods Ltd. (M) (C)
*Econ-O-Veyor*, Gough & Co (Hanley) Ltd. (P)
*Eden Vale*, Express Dairy Foods (M)
*Edesco Products*, Edinburgh Essence Co. Ltd. (C)
*Edicol*, Imperial Chemical Industries (C)
*Edifas*, Imperial Chemical Industries (C)
*Edlund*, Medcalfe & Co. (1950) Ltd. (P)
*Edmedri*, Edme Ltd. (C)
*Edmelase*, Edme Ltd. (C)
*Edmex*, Edme Ltd. (C)
*Edna*, Berisford, S. & W., Ltd. (M)
*Eesi-Flo*, Bush Boake Allen Ltd. (C)
*Eftrol*, Serck Water Processing (P)
*Ekco*, Alcan Ekco Ltd. (P) (PM)
*Elasto*, Ascoli Ltd. (P)
*Eldesan*, Dohler (U.K.) Ltd. (C)
*El-do*, Sefcol (Sales) Ltd. (C)
*Electraflote*, Simon-Hartley Ltd. (P)
*Electrobale*, Portable Balers Ltd. (P)
*Electrovit*, Pelkman, John, Eng. Co. Ltd. (P)
*Elefant*, Coupe, Clifford, Ltd. (P)
*Elevo*, Baker Perkins Ltd. (P)
*Elevolta*, Baker Perkins Ltd. (P)
*Elgacan*, Elga Products Ltd. (P)
*Elgastat*, Elga Products Ltd. (P)
*Elka*, British Fermentation Products Ltd. (C)
*Ellab*, Sierex Ltd. (P)
*Ely*, Nelson Preserving Co. Ltd. (M)
*Embamix*, May & Baker Ltd. (C)
*Embanox*, May & Baker Ltd. (C)
*Embeelok*. Metal Box Co. Ltd. (PM)
*Embeeseal*, Metal Box Co. Ltd. (PM)
*Embeetuk*, Metal Box Co. Ltd. (PM)
*Empicol*, Albright Wilson Ltd., Marchon Division (C)
*Empilan*, Albright Wilson Ltd., Marchon Division (C)
*Empiphos*, Albright Wilson Ltd., Marchon Division (C)
*Emroy*, A.P.V.-Mitchell Craig Ltd. (P)
*Ems*, Biro Food Machinery Ltd. (P)
*Emulgo*, Hercules Powder Co. Ltd. (C)
*Emulso-en*, Bakery & Confectionery Products Ltd. (C)
*Energen*, RHM Foods Ltd. (M)
*English Royal*, Carter's Gold Medal Soft Drinks Ltd. (M)
*Enolit*, Briess & Co. Ltd. (C)
*Entroplast*, Jahn, F., & Co. Ltd. (P)
*Enva-lok*, National Adhesives & Resins Ltd. (PM)
*Epic*, Epicure Ham Co. Ltd. (M)
*Epicam*, Epicure Ham Co. Ltd. (M)
*Epicure*, Smedley-HP Foods Ltd. (M)
*Epilon*, Haworth, F. (A.R.C.) Ltd. (P)
*Eros Margarine*, Rowallan Creamery Ltd. (M)
*Erwin Sick*, Pearson Panke Ltd. (P)
*Escaveyor*, Paterson Hughes Eng. Co. Ltd. (P)
*Essar*, Haworth, F. (A.R.C.) Ltd. (P)
*Essex*, Rejafix Ltd. (P)
*Ethavan*, Monsanto Chemicals Ltd. (C)
*Ethulon*, M. & B. Plastics Ltd. (PM)
*Etiprint*, Sessions, William, Ltd. (PM)
*Eureka*, Soya Foods Ltd. (C)
*Eurocap*, U.G. Glass Containers Ltd. (PM)
*Eurobin*, Alcoa Container Systems (G.B.) Ltd. (P)
*Eurobox*, Alcoa Container Systems (G.B.) Ltd. (P)
*Eurocert*, Williams (Hounslow) Ltd. (C)
*Eurocol*, Williams (Hounslow) Ltd. (C)
*Euroform*, Smith & Nephew Plastics Ltd. (PM)
*Europhane*, British Rayophane Ltd. (PM)
*Eurospin*, U.G. Closures & Plastics Ltd. (PM)
*Eurotainer*, Polythene Drums Ltd. (PM)
*Evatane*, Imperial Chemical Industries Ltd. (PM)
*Evercreme*, Waller & Hartley Ltd. (M)
*Evo-Stik*, Evode Ltd. (PM)
*Ewbanks*, Dunhills (Pontefract) Ltd. (M)
*Exa-Cola*, Exley, A., & Sons Ltd. (M)
*Excel*, Allied Mills Ltd. (M)
*Excellair*, Heather Filters Ltd. (P)
*Exo*, Hunter, G., (London) Ltd. (P)
*Expander*, Shaw, A. J., Co. (P)
*Expeller*, Shaw, A. J., Co. (P)
*Exquisa*, Aptunion (UK) Ltd. (C)
*Extracoa*, Loders & Nucoline Ltd. (C)
*Extremultus*, Stephens Miraclo Belts Ltd. (P)
*Extrulam*, Austin Packaging Ltd. (P)
*Eyedale*, Pollastra Packers Ltd. (M)

## F

4*F*, Muirhead, J., Ltd. (M)
*F.A.D.*, British Arkady Co. Ltd. (C)
*FMC*, Biro Food Machinery Ltd. (P)
*Fairee*, British Arkady Co. Ltd. (C)
*Fairfield*, South Suburban Co-operative Society Ltd. (M)
*Fairrie*, Tate & Lyle Refineries Ltd. (C)
*Faldine*, Butterfield Laboratories Ltd. (C)
*Faldol*, Butterfield Laboratories Ltd. (C)
*Family*, Drings Ltd. (M)
*Family*, Kraft Foods Ltd. (M)
*Famodan*, Grindsted Products Ltd. (C)
*Famous Names*, Cavenham Confectionery Ltd. (M)
*Fan*, Anderson & Coltman Ltd. (C)
*Fanfare*, London Refiners Ltd. (C)
*Fanta*, Coca-Cola Bottlers (Scotland & Northern) Ltd. (M)
*Fanta*, Coca-Cola Southern Bottlers Ltd. (M)
*Fanvectair*, Biddle, F. H., Ltd. (P)
*Farex*, Glaxo Laboratories Ltd. (M)
*Farfal*, Vesop Products Ltd. (C)
*Farinase*, Grindsted Products Ltd. (C)
*Farma*, Unigate Foods Ltd. (C)
*Farm Choice*, McDougall's Catering Foods Ltd. (M)
*Farmer's Wife*, Unigate Ltd. (M)
*Farm Kitchen*, St. Edmunds Bacon Factory Ltd. (M)
*Far-North*, Farquhar North & Co. Ltd. (M)
*Farola*, Marshall, James, (Glasgow) Ltd (M)
*Farolina*, Marshall, James, (Glasgow) Ltd. (M)

*Farris*, G.E.C.-Elliott Control Valves Ltd. (P)
*Farrow's*, Reckitt & Colman Food Division (M)
*Faslite*, Butterfield Laboratories Ltd. (C)
*Fas-tex*, Norprint Ltd. (P)
*Fat Friar*, Craigmillar (C)
*Fawema*, Petzold, Henry, & Co. (P)
*Fax*, Marfleet Refining Co. Ltd. (M) (C)
*Faxfry*, Marfleet Refining Co. Ltd. (M) (C)
*Faxola*, Marfleet Refining Co. Ltd. (M) (C)
*Fearnought*, Farrar, James, (Brushes) Ltd. (P)
*Fectos*, Badex Ltd. (C)
*Fergora*, Strathmore Springs Ltd. (M)
*Fermax*, Albion Sugar Co. Ltd. (C)
*Fernleaf*, Milk Products (N.Z.) Ltd. (C)
*Ferropak*, Brand Packaging Ltd. (PM)
*Ferrotecta*, Brand Packaging Ltd. (PM)
*Ferrotron*, Polypenco Ltd. (P)
*Festival*, Culpitt, G. T., & Son Ltd. (C)
*Festival Vat*, Coates Gaymers Ltd. (M)
*Fiberfort*, Redmond, Philip, & Sons Ltd. (PM)
*Fiberon*, Redmond, Philip, & Sons Ltd. (PM)
*Fibreen*, British Sisalkraft Ltd. (PM)
*Fiesta*, Ashford Creameries (Worcestershire) Ltd. (M)
*Fiesta*, Crompton Parkinson Ltd. (P)
*Fiesta*, Daniel, H. E. Ltd. (C)
*Fiesta*, Premier Poultry Packers Ltd. (M)
*Fiesta*, Needler's Ltd. (M)
*57 Varieties*, Heinz, H. J., & Co. Ltd. (M)
*Filbertine 52*, Sefcol (Sales) Ltd. (C)
*Filessa*, Scottish Flavour & Colour Co. Ltd. (C)
*Filmet*, Plenty & Son. (P)
*Filspice*, Food Industries Ltd. (C)
*Fine Art*, U.K. Plastics Ltd. (PM)
*Fine Fare*, Associated British Foods Ltd. (M)
*Finex*, Russell Finex Ltd. (P)
*Fino*, British Bakels Ltd. (C)
*Finprint*, Finlay Packaging Ltd. (PM)
*Finsbury*, Horwood Catering Equipment Ltd. (P)
*Fireflame*, Crompton Parkinson Ltd. (P)
*Firl*, Soya Foods Ltd. (C)
*Firmajel*, Bulmer, H. P., Ltd. (M) (C)
*Fisher*, G.E.C.-Elliott Control Valves Ltd. (P)
*Fit Form*, Mardon Son & Hall Ltd. (PM)
*Five Star*, Robertson, A., & Co. Ltd. (M)
*Fixa*, RHM Ingredient Supplies Ltd. (C)
*Flag*, Fardons Ltd. (M)
*Flagship*, Angel Truck Co. Ltd. (P)
*Flamingo*, Lehmann, R., & Co. Ltd. (C)
*Flat Sheet*, Smith & McLaurin Ltd. (PM)
*Flav-a-But*, Scottish Flavour & Colour Co. Ltd. (M)
*Flaval*, Amasal Ltd. (C)
*Flavasynth*, Florasynth Ltd. (C)
*Flavofix*, Butterfield Laboratories Ltd. (C)
*Flav-O-Lok*, Polak's Frutal Works Ltd. (C)
*Flavor-Lok Seals*, Metal Closures Ltd. (P) (PM)
*Flavy*, Edme Ltd. (C)
*Fleeta*, British Fermentation Products Ltd. (C)
*Fleur de Lys*, Avana Group Ltd. (M)
*Fleur de Lys*, Brookes, R. F., Ltd. (M)
*Fleurome*, Gale & Mount Ltd. (C)
*Flex*, Craigmillar (C)
*Flexaflo*, HTI Engineering (P)
*Flexhide*, Adams, Alfred, & Co. Ltd. (PM)
*Flexibond*, Yorkshire Chemicals Ltd. (PM)
*Flex-o-foil*, Dickinson, John, & Co. Ltd. (PM)
*Flexofreeze*, Frigoscandia Ltd. (P)
*Flex-O-Timer*, Taylor Instrument Companies (Europe) Ltd. (P)
*Flickon*, Speedwork Labels Ltd. (P) (PM)
*Flik*, Cambridge Instrument Co. Ltd. (P)
*Flocote*, Brand Packaging Ltd. (PM)
*Flo Freeze*, Frigoscandia Contracting Ltd. (P)
*Flojel*, Laing National Ltd. (C)
*Flomat*, Johnson, Fred, (Machinery) Ltd. (P)
*Flo-Matic*, Bancroft Fillers & Appliances Ltd. (P)
*Flo-Mix*, Mojonnier Bros. Co. (P)
*Flora*, Van den Berghs (M)
*Florentina*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Florio*, Graham, William, & Co. (London) Ltd. (C)
*Floscan*, Platon, G. A., Ltd. (P)
*Floseal*, Metal Box Co. Ltd. (PM)
*Flo-Sweet*, Corn Products (Sales) Ltd. (C)
*Flostat*, Platon, G. A., Ltd. (P)
*Flowcline*, Redman Fisher Eng. Ltd. (P)
*Flowdeck*, Redman Fisher Eng. Ltd. (P)
*Flowforge*, Redman Fisher Eng. Ltd. (P)
*Flowline*, Redman Fisher Eng. Ltd. (P)
*Flowlink*, Redman Fisher Eng. Ltd. (P)
*Flowmaster*, Redman Fisher Eng. Ltd. (P)
*Flowpak*, Rose Forgrove Ltd. (P)
*Flowplate*, Redman Fisher Eng. Ltd. (P)
*Flowrator*, Fischer & Porter Ltd. (P)
*Flowroll*, Redman Fisher Eng. Ltd. (P)
*Flowslicer*, Rose Forgrove Ltd. (P)
*Flowstack*, Redman Fisher Eng. Ltd. (P)
*Flowstrip*, Rose Forgrove Ltd. (P)
*Flowtrol*, Edwards Vacuum Components (P)
*Fluid Conc.*, Bush, Boake Allen Ltd. (C)
*Fluidflow*, Driver, Southall, Ltd. (P)
*Fluorosint*, Polypenco Ltd. (P)
*Flygt*, ITT Flygt Pumps Ltd. (P)
*Flystop*, Minikay Ltd. (P)
*Foilpak*, Alcoa Foils (G.B.) Ltd. (PM)
*Foiltainer*, Bowater Packaging Ltd. (PM)
*Foldmaster*, Pembroke Packaging Ltd. (PM)
*Fomola*, Fowler Ltd. (C)
*Fond Luzern*, Dohler (U.K.) Ltd. (C)
*Forceflo*, Biddle, F. H., Ltd. (P)
*Ford Hall*, Hollins, A. & M., Ford Hall Farm (M)
*Forepaste*, British Arkady Co. Ltd. (C)
*Forina*, Sigerist, William B., (C)
*Formatic*, Boxfoldia Ltd. (PM)
*Formfast*, Boxfoldia Ltd. (PM)
*Forza*, Smith, O. L., & Co. Ltd. (P)
*Four Aces*, Brown & Knight Ltd. (M)
*Fram*, Anderson & Coltman Ltd. (C)
*Franklin*, Selo-Bollans Ltd. (P)
*Fray Bentos*, Brooke Bond Oxo Ltd. (M)
*Freeflo*, Aptunion (UK) Ltd.
*Freezpak*, Douglas-Rownson Ltd.
*Frenlite*, Spillers Ltd. (M)
*Fresh Dri*, Florasynth Ltd. (C)
*Fresh Fields*, Lovell & Christmas Ltd. (M)
*Fretos*, Crimpy Crisps Ltd. (M)
*Friar Tuck*, Anglia Canners (Wetherby) Ltd. (M)
*Fritina*, Procter & Gamble Ltd. (C)

*Frittamix*, Mapletons Foods Ltd. (M) (C)
*Frizets*, Crestona Ltd. (M)
*Frizets*, Smiths Flour Mills Ltd. (M)
*Froscote*, Brand Packaging Ltd. (PM)
*Froude*, Redman Heenan Froude Ltd. (P)
*Fru-Bran*, Mapleton's Foods Ltd. (M) (C)
*Fructodan*, Grindsted Products Ltd. (C)
*Fruesli*. Mapleton's Foods Ltd. (M) (C)
*Frufil*, Badex Ltd. (M)
*Frugel*, Lochore & Ferguson Ltd. (C)
*Fru-Grains*, Mapleton's Foods Ltd. (M) (C)
*Fruitfull*, Naarden (London) Ltd. (C)
*Fruit Mate*, Green, H. J., & Co. Ltd. (M)
*Fruitona*, Essonia Ltd. (C)
*Fruitosynth*, Florasynth Ltd. (C)
*Fruittella*, Van Melle Ltd. (M)
*Frum*, Rakusen, Lloyd, & Sons Ltd. (M)
*Fruta*, Rukon Food Co. Ltd. (C)
*Fruteful*, Thomas & Jones ("Tejay") Ltd. (M) (C)
*Frutox*, Bowater Packaging Ltd. (PM)
*Fry*, Cadbury Ltd. (M)
*Fryma*, M. & M. Process Equipment Ltd. (P)
*Frymax*, Peerless Refining Co. (Liverpool) Ltd (C)
*Fry-o-lets*, Rakusen, Lloyd, & Sons Ltd. (M) (C)
*Fulcel*, Daniel, H. E., Ltd. (C)
*Ful-Flex*, Taylor Instrument Companies (Europe) Ltd. (P)
*Full Swing*, Edmonson & Co. Ltd. (M)
*Fullypac*, Taylowe Ltd. (PM)
*Fulofat*, Rowallan Creamery Ltd. (M)
*Fulscope*, Taylor Instrument Companies (Europe) Ltd. (P)
*Fun*, Gomersall's Magpie Minerals Ltd. (M)
*Furacin*. Prodorite Ltd. (P)
*Fyna*, Gilbert, G. & R., Ltd. (P)
*Fyna*, Gilwrap Ltd. (P)

## G

*G.B.*, Greco's Biscuits Ltd. (M)
*GDL*, Pfizer Ltd. (C)
*G.P. Tea*, Payne, George, & Co. Ltd. (M) (C)
*G.T. Elecon*, Gough & Co. (Hanley) Ltd. (P)
*Gacord Hose*, Dunlop Co. Ltd. (P)
*Gaffa*, Exley, A., & Sons Ltd. (M)
*Gaflo*, Dunlop Ltd. (P)
*Gaiety*, Jamesons Chocolate Ltd. (M)
*Galaxy*, Briess & Co. Ltd. (C)
*Galaxy*, Mars Ltd. (M)
*Gale's*, Colman Foods (M)
*Galloway*, Scottish Milk Marketing Board (M)
*Gapmeter*, Platon, G. A., Ltd. (P)
*Garda*, Metal Box Co. Ltd. (PM)
*Gardalac*, Tillotsons (Liverpool) Ltd. (PM)
*Gardex*, Metal Box Co. Ltd. (PM)
*Garfoil*, Garfield, William, Ltd. (PM)
*Gasquet*, Anker Gasquet Ltd. (P)
*Gasquet Polyfilter*, Anker Gasquet Ltd. (P)
*Gasti*, Ideal Packagings Ltd. (P)
*Gatodan*, Grindsted Products Ltd., (C)
*Gaysel*, Mardon Flexible Packaging Ltd. (PM)
*Gazelle*, Albright & Wilson Ltd., Oldbury Division (C)
*G.D.*, Ideal Packagings Ltd. (P)
*GeBee*, Garvin, L., & Co. Ltd. (C)
*Geem*, Rejafix Ltd. (P)
*Gelasco*, Briess & Co. Ltd. (C)
*Gem*, Crompton Parkinson Ltd. (P)
*Gemallow*, Sefcol (Sales) Ltd. (C)
*Gemco*, Selo-Bollans Ltd. (P)
*Genevac*, General Eng. Co. (Radcliffe) Ltd. (P)
*Genie*, Danks of Netherton Ltd. (P)
*Gentleman's Relish*, Elsenham Quality Foods Ltd. (M)
*Genu*, Duché, T. M., & Sons (U.K.) Ltd. (C)
*Gerber*, CPC (United Kingdom) Ltd. (M)
*Gerramatic*, Gerrard Industries Group (PM)
*Gglaz*, Peter's Patent Powder Works Ltd. (M)
*Giant*, Exley, A., & Sons Ltd. (M)
*Gimson/Tande*, Gimson & Co. (Leicester) Ltd. (P)
*Ginger Crunch*, Rowntree Mackintosh Ltd. (M)
*Gingercloud*, Watson & Philip (Manufacturing) Ltd. (M)
*Ginger-Up*, Elsenham Quality Foods Ltd. (M)
*Girl Pat*, Barrow, Lane & Ballard Ltd. (C)
*Gjerstrup*, Selo-Bollans Ltd. (P)
*Glacia*, British Salt Ltd. (M) (C)
*Glacier*, Love, N. B., Starches Pty. Ltd. (C)
*Glade*, Crimony Co. Ltd. (M) (C)
*Gladiator*, Soag Machinery Ltd.(P)
*Glazex*, Amasal Ltd. (C)
*Glazine*, RHM Ingredient Supplies Ltd. (C)
*Glazon*, Prestige Industrial Ltd. (P)
*Glees*, Mars Ltd. (M)
*Glendale*, Filshill, J. W., Ltd. (M)
*Glenetta*, Torring & Stockwell Ltd. (M)
*Glidestock*, Dexion Group (P)
*Glissen*, British Fermentation Products Ltd. (C)
*Globe*, Sharwood, J. A., & Co. Ltd. (M)
*Globe*, Corn Products (Sales) Ltd. (C)
*Glowbrown*, British Soya Products Ltd. (C)
*Glucanase* GV, Grindsted Products Ltd. (C)
*Glucoamylase GV*, Grindsted Products Ltd. (C)
*Glucomin*, White, R., & Sons Ltd. (M)
*Glucorn*, Glaxo Laboratories Ltd. (M)
*Glu-fit*, Mardon Son & Hall Ltd. (PM)
*Glurpex*, Rejafix Ltd. (P)
*Glycero-en*, Bakery & Confectionery Products Ltd. (C)
*Glynco*, Glynn Co. Ltd. (C)
*Goblin*, Simpson Ready Foods Ltd. (M)
*Golcalor*, GEC Diesels Ltd. (P)
*Goldana*, Rakusen, Lloyd, & Sons Ltd. (M) (C)
*Gold Blend*. Nestlé Co. Ltd. (M)
*Gold Crum*, British Soya Products Ltd. (M)
*Gold Cup*, Merseyside Food Products Ltd. (M)
*Gold Dish*, Nickson, George & John, & Co. Ltd. (M)
*Goldegga*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Golden Bough*, Landpak Ltd. (M)
*Golden Choice*, Adams Butter Ltd. (M)
*Golden Cloud*, Craigmillar (C)
*Golden Corn*, Kraft Foods Ltd. (M)
*Golden Crumbs*, Barker, R. C., Ltd. (M)

*Golden Cup*, Rowntree Mackintosh, Ltd. (M)
*Golden Cup*, Esslemont, John E., Ltd. (M)
*Golden Dazzle*, Mischeff, Kiril, Ltd. (C)
*Golden Fortune*, Goodwin Tidswell (1968) Ltd. (C)
*Goldenfry*, Herridge Foods Ltd. (M)
*Golden Galleon*, Adams Butter Ltd. (M)
*Golden Glow*, Unigate Foods Ltd. (C)
*Golden Grain*, Adams, Alfred., & Co. Ltd. (PM)
*Golden Oil*, Kilvert, N. & Sons Ltd. (M)
*Golden Ray*, Superslice Ltd. (M)
*Goldens*, Maconchie Seafoods Ltd. (M)
*Golden Seal*, Cranfield Brothers Ltd. (M)
*Golden Sheaf Self-Raising Flour*, Ladbrook, W. & Son, Ltd. (M)
*Golden Shower*, Ragus Sugars (M) (C)
*Golden Shred*, Robertson, James, & Son, Preserve Manufacturers Ltd. (M)
*Golden Sovereign*, Pollastra Packers Ltd. (M)
*Golden Temple*, Heap, Joseph, & Sons Ltd. (C)
*Golden Toffee*, Rowntree Mackintosh Ltd. (M)
*Golden Vale*, Craigmillar (C)
*Golderine*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Goldex*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Gold Harvest*, Anglia Canners Ltd. (M)
*Goldichoc*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Goldmallow*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Goldova*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Gold Seal*, Clayton & Jowett Ltd. (C)
*Golliberry*, Robertson, James & Sons Preserve Manufacturers Ltd. (M)
*Gollicrush*, Robertson, James & Sons Preserve Manufacturers Ltd. (M)
*Goltina*, Sefcol (Sales) Ltd. (C)
*Good as Gold*, Esslemont, John E., Ltd. (M)
*Goodfare*, Rayner & Co. Ltd. (M)
*Goodies*, Cavenham Confectionery Ltd. (M)
*Good News*, Rowntree Mackintosh Ltd. (M)
*Gorgona*, Burgess, John, & Son Ltd. (M)
*Graco*, Steetley Co. Ltd. (P)
*Graco*, Berk Ltd. (C)
*Grafton*, Alfred & Co. Ltd. (P)
*Granny's*, Jons Toffee Ltd. (M)
*Granny's*, Campbell's Soups Ltd. (M)
*Granogen*, Granose Foods Ltd. (M)
*Granolac*, Granose Foods Ltd. (M)
*Granose Swiss-cup*, Granose Foods Ltd. (M)
*Grantex*, Grant, Lewis C., Ltd. (P)
*Green Knight*, Garden King Frozen Foods Ltd. (M)
*Green Label Chutney*, Sharwood, J. A., & Co. Ltd. (M)
*Greetin*, London Oil Medina Ltd. (C)
*Grimbles*, British Vinegars Ltd. (M)
*Grove*, Wood, J. P., & Sons (Poultry) Ltd. (M)
*Grundybin*, Grundy (Teddington) Ltd. (P)
*Grundycask*, Grundy (Teddington) Ltd. (P)
*Grundykeg*, Grundy (Teddington) Ltd. (P)
*Grundymaid*, Grundy (Teddington) Ltd. (P)
*Gumstrip*, Jones, Samuel, & Co. Ltd. (PM)
*Gusag Major*, Sessions, William, Ltd. (PM)
*Gyro Freeze*, Frigoscandia Contracting Ltd. (P)

## H

*H.D.*, Hill & Dolman (Engs.) Ltd. (P)
*HMS*, Bartleet, Norman, Ltd. (P)
*HP*, Smedley HP Foods Ltd. (M)
*H.R. Flow Inducers*, Watson-Marlow Ltd. (P)
*H. & R.*, Hiron & Rempler Ltd. (P)
*Hacks*, Waller & Hartley Ltd. (M)
*Hacoma-Mubir*, Bartleet, Norman, Ltd. (P)
*Hafico*, Ideal Packagings Ltd. (P)
*Halo*, Spillers Ltd. (M)
*Hamac-Hansella*, Bosch, Robert, Packaging Machinery (U.K.) Ltd. (P)
*Hambrooks*, Premier Pickle Co. Ltd. (M)
*Hamlet*, Hunter, John A., & Co. Ltd. (M)
*Hampden Wafers*, Gray, Dunn & Co. Ltd. (M)
*Hampden Wafers*, Rowntree Mackintosh Ltd. (M)
*Handee*, British Arkady Co. Ltd. (C)
*Handibelt*, Douglas-Rownson Ltd. (P)
*Handy*, Abbott & Co. (Newark) Ltd. (P)
*Handy*, Lehmann, R., & Co. Ltd. (C)
*Handy*, Bowater Packaging Ltd. (PM)
*Hapex*, Semmons, Taylor Co. (U.K.) Ltd. (C)
*Happy Mixes*, Craigmillar (C)
*Harco*, Harrison, T., & Co. Ltd. (C)
*Hardinge*, International Combustion Ltd. (P)
*Harlequin*, Lavery, I. H., & Co. Ltd. (M)
*Harpoon*, Anderson & Coltman Ltd. (C)
*Harrier*, Hare, John (Harrier Products), Ltd. (C)
*Harris Sweetcure*, Harris, C. & T., (Calne) Ltd. (M)
*Hartleys*, Cadbury Typhoo Ltd. (M)
*Harvey's*, Lovell & Christmas Ltd. (M)
*Harvey's Belgravia*, De Haan (Foods) Ltd. (M)
*Hassia*, Pacunion Ltd. (P)
*Haulmaster*, Brimpex Eccles Co. Ltd. (P)
*Haven*, Berisford, S. & W., Ltd. (M)
*Hawk*, Soag Machinery Ltd. (P)
*Hay's*, Food Industries Ltd. (C)
*Haywards*, Brooke Bond Oxo Ltd. (M)
*Haza Tomato Piquant*, Hazlewood & Co. (Products) Ltd. (M)
*Hazel Cup*, Rowntree Mackintosh Ltd. (M)
*Headseal*, Austin Packaging Ltd. (P)
*Heart*, Duckworth & Co. (Essences) Ltd. (C)
*Heat Trap*, Cox Ovenbuilders Ltd. (P)
*Heath*, Crimony Co. Ltd. (M) (C)
*Hecoil*, Harris Engineering Co. Ltd. (P)
*Hedlex*, Procter & Gamble Ltd. (C)
*Hedley 400*, Procter & Gamble Ltd. (C)
*Heenan-Dynamatic*, Redman Heenan Froude Ltd. (P)
*Heenan Marley*, Redman Heenan Froude Ltd. (P)

*Hefix*, Newman Labelling Machines Ltd. (P)
*Heliloader*, Helifit Engineering Ltd. (P)
*Hellipack*, Foodtech Ltd. (C)
*Hema*, Bartleet, Norman, Ltd. (P)
*Hendees*, Fawcett (South Shields) Ltd. (M)
*Henkel*, Bartleet, Norman, Ltd. (P)
*Her Majesty's Blend*, Ridgways Ltd. (M) (C)
*Herbard*, F. & C. Engineering Works Ltd. (P)
*Herbort*, M. & M. Process Equipment Ltd. (P)
*Hercules*, British Bakels Ltd. (C)
*Herdsman*, British Food Canning Co. (Preston) Ltd. (M)
*Hereford*, Sun Valley Poultry Ltd. (M)
*Herkules*, Kurt, Paul, Ltd. (P)
*Hermetet*, Metal Box Co. Ltd. (PM)
*Hermetet*, Paper Goods Manufacturing Co. Ltd. (PM)
*Hermetet*, Pembroke Packaging Ltd. (PM)
*Hexacert*, Pointing Ltd. (C)
*Hexacol*, Pointing Ltd. (C)
*Hexagran*, Pointing Ltd. (C)
*Hi-fi*, Essonia Ltd. (C)
*Hi-Flow*, Taylor Instrument Companies (Europe) Ltd. (P)
*Hi-Frute*, Spillers Ltd. (M)
*Hilex*, British Celanese Ltd. (PM)
*Hilgeland*, Foodtech Ltd. (P)
*Hi-Lite*, Spillers Ltd. (M)
*Hiltexa*, Cardonald Food Products Ltd. (M)
*Hipro*, Sturge, John & E., Ltd. (C)
*Hi-Q Pivotless*, Crompton Parkinson Ltd. (P)
*Hi-Soy*, British Arkady Co. Ltd. (C)
*Hi-Tip*, Russell Finex Ltd. (P)
*Hoes*, Lucas, A. H. L., & Sons Ltd. (M)
*Hofliger & Karg*, Bosch, Robert, Packaging Machinery (U.K.) Ltd. (P)
*Holbrooks*, British Vinegars Ltd. (M)
*Holdenite*, Holden, Arthur & Sons Ltd. (PM)
*Holdfast*, Dickinson, John, & Co. Ltd. (PM)
*Holler*, Bosch, Robert, Packaging Machinery (U.K.) Ltd. (P)
*Hollands*, Cavenham Confectionery Ltd. (M)
*Holland's*, Pork Farms Ltd. (M)
*Home Farm*, Murchies Creameries Ltd. (M)
*Home Queen*, Bermaline Ltd. (M)
*Homestead*, Harding & Sons (Bakers) Ltd. (M)
*Homestead*, Groom, H. L., & Son Ltd. (M)
*Homodan*, Grindsted Products Ltd. (C)
*Honeycloud*, Watson & Philip (Manufacturing) Ltd. (M)
*Honeycomb Mould*, Viota Foods Ltd. (M) (C)
*Honeydew*, Pork Farms Ltd. (M)
*Honeydew*, Letchworth Bacon Co. (C)
*Hon-y-cup*, Symington, Thos., & Co. Ltd. (M)
*Hooper*, Selo-Bollans Ltd. (P)
*Hooray*, Essonia Ltd. (C)
*Hopcon*, White Stevenson Ltd. (C)
*Horix*, Sheepbridge Equipment Ltd. (P)
*Horlicks*, Beecham Foods (M)
*Horseshoe*, Mellish, A. W., Ltd. (M) (C)
*Horsfall*, Redman Heenan Froude Ltd. (P)
*Hospitair*, Biddle, F. H., Ltd. (P)
*Hostess*, Rakusen, Lloyd, & Sons Ltd. (C)
*Hostess*, Unger Meats Ltd. (M)
*Howards*, Berisford, S. & W., Ltd. (M)
*Howdy*, Seven-Up (Great Britain) Ltd. (M)
*Howsorb*, Laporte Industries Ltd. (C)
*Hueck (Pirkmuehler)*, Bartleet, Norman, Ltd. (P)
*Humexair*, Heather Filters Ltd. (P)
*Humitex*, Foxboro-Yoxall Ltd. (P)
*Hum-mer*, International Combustion Ltd. (P)
*Hunter*, Soag Machinery Ltd. (P)
*Huntley & Palmers*, Associated Biscuit Manufacturers Ltd. (M)
*Hunts*, Beecham Foods (M)
*Huntsman*, Hunter, John A., & Co. Ltd. (M)
*Huntsmen*, Hunter, John A., & Co. Ltd. (M)
*Hurricane*, Mulco Products (P)
*Hyco*, Medcalfe & Co. (1950) Ltd. (P)
*Hycoa*, Loders & Nucoline Ltd. (C)
*Hydra-Loader*, Russell Finex Ltd. (P)
*Hydrotex*, Stevenson, Hugh, & Sons Ltd. (PM)
*Hyfoama*, Naarden (London) Ltd. (C)
*Hygrade*, Crompton Parkinson Ltd. (P)
*Hymono*, Food Industries Ltd. (C)
*Hypak*, Oppenheimer Casing Co. (C)
*Hyplex*, Pakord Ltd. (PM)
*Hyster-Saxby*, Barlow Myers Ltd. (P)
*Hy-Tra-Lec*, Wright Machinery Co. Ltd. (P)
*Hytron*, Lansing Bagnall Ltd. (P)

## I

*Ibeco*, Davidson, C., & Sons Ltd. (PM)
*Ibex*, Albright & Wilson Ltd., Oldbury Division (C)
*Ibson*, Beer, I., & Sons Ltd. (M)
*Ice Breaker*, Cadbury Ltd. (M)
*Icelet*, York Division of Borg-Warner Ltd. (P)
*Icem*, Selcol (Sales) Ltd. (C)
*Ice Pops*, Glenville Ltd. (M)
*Icidex*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Ideal*, Bartleet, Norman, Ltd. (P)
*Ideal*, The Nestlé Co. Ltd. (M)
*Ideal*, Pumphrey, W. & M., Ltd. (C)
*Idela*, Food Industries Ltd. (C)
*Idle Onion*, Seyfried, John F., & Sons Ltd. (C)
*Idris*, Beecham Foods (M)
*Ilsemann*, Petzold, Henry, & Co. (P)
*Imp*, Londex Ltd. (P)
*Impact*, British Soya Products Ltd. (C)
*Impelator*, Plenty & Son. (P)
*Imperial*, Berisford, S. & W., Ltd. (M)
*Imperial*, Croysdale, John, & Sons Ltd. (M)
*Impex*, Dexion Ltd. (P)
*Imprima*, Norprint Ltd. (P)
*Impulsair*, Biddle, F. H., Ltd.
*Imseal*, Smith & McLauren Ltd. (PM)
*Inclyno*, Pascall Engineering Co. Ltd. (P)
*Inductair*, Biddle, F. H., Ltd. (P)
*Industrialair*, Carrier Eng. Co. Ltd. (P)
*Instando*, London Oil Medina Ltd. (C)
*Instant Clearjel*, British Bakels Ltd. (C)
*Instant-Flex*, National Adhesives & Resins Ltd. (PM)
*Instant-Lok*, National Adhesives Ltd. (PM)
*Instant Whip*, General Foods Ltd. (M)

*Integra*, Baker Perkins Ltd. (P)
*Intercept*, Elga Products Ltd. (P)
*Interlude*, Aptunion (UK) Ltd. (C)
*Invicta*, Grantham Electrical Eng. Co. Ltd. (P)
*Invincible Wheat Meal*, Cranfield Brothers Ltd. (M)
*Irn-bru*, Barr, A. G., & Co. Ltd. (M)
*Island Rose*, Albany Meat Products Ltd. (M)
*Isomantle*, Isopad Ltd. (P)
*Isopro*, Griffith Laboratories (U.K.) Ltd. (C)
*Isotape*, Isopad Ltd. (P)
*Ivanhoe*, Bonds of London Ltd. (M)
*Ivrodec*, Scottish Flavour & Colour Co. Ltd. (M)
*Iwema*, Rockwell Packaging Machines Ltd. (P)

## J

*J.L.*, Layton, John, & Co. Ltd. (C)
*J.M.L.*, Muirhead, J., Ltd. (M)
*J.P.*, Jonge Poerink Wire Mesh Belts & Conveyors Ltd. (P)
*JSL*, Serck Audco Valves, (P)
*Jabsco*, ITT Fluid Handling Ltd. (P)
*Jabsco*, Banister Street Works Ltd. (P)
*Jacobs*, Associated Biscuit Manufacturers Ltd. (M)
*Jaffa Champion*, Briess & Co. Ltd. (C)
*Jaffacrush*, Bovril Ltd. (M)
*Jaffajuice*, Bovril Ltd. (M)
*Jaffa Prize*, Mediterra Ltd. (C)
*Jak-Et-Pak*, Metal Box Co. Ltd. (PM)
*Jalan*, Laing National Ltd. (C)
*Jan*, Crimony Co. Ltd. (M)
*Jan-Rio*, Crimony Co. Ltd. (C)
*Japmac*, Crimony Co. Ltd. (C)
*Jasco*, Sharwood, J. A., & Co. Ltd. (M)
*Jaylo*, Lowe & Co., J. (Processed Foods) Ltd. (M)
*Jean Rochelle*, Rayner & Co. Ltd. (M)
*Jeleczi*, RHM Ingredient Supplies Ltd. (C)
*Jellic*, RHM Ingredient Supplies Ltd. (C)
*Jellytots*, Rowntree Mackintosh Ltd. (M)
*Jersey*, Needler's Ltd. (M)
*Jesmona*, Maxons Ltd. (M)
*Jetstream*, Ling Systems Ltd. (P)
*Jewel*, Swift & Co. Ltd. (M)
*Jif*, Colman Foods (M)
*Jiffy*, Abbott's Packaging Ltd. (PM)
*Jimmy*, Hi-Reach Trucks Ltd. (P)
*Jinks*, Gomersall's Magpie Minerals Ltd. (M)
*Joha*, Fibrisol Services Ltd. (C)
*John Bull*, Paine & Co. Ltd. (M) (C)
*Johnny Quickly*, Torrance, R. & Co. Ltd. (M)
*John Wilson*, Anglia Canners (Wetherby) Ltd. (M)
*Jones*, Rose Forgrove Ltd. (P)
*Joy*, Gray Dunn & Co. Ltd. (M)
*Joy*, Rowntree Mackintosh Ltd. (M)
*Joy-to-Eat*, Berisford, S. & W., Ltd. (M)
*Juicy Fruit*, Wrigley Co. Ltd. (M)
*Juicy Jellies*, Callard & Bowser Ltd. (M)
*Jupiter*, Greco's Biscuits Ltd. (M)
*Juracin*, Prodorite Ltd. (P)

## K

*KCS*, Kent Co-operative Society Ltd. (M)
*K.J.*, Selo-Bollans Ltd. (P)
*K.M.*, Mischeff, Kiril, Ltd. (C)
*K.P.*, Kenyon Son & Craven Ltd. (M)
*K.P. Glace Cherries*, Bennett Opie Ltd. (M)
*K.P.*, Selo-Bollans Ltd. (P)
*K.P.*, United Biscuits Ltd. (M)
*KS*, Foodtech Ltd. (P)
*K.V.E.*, Whit Products Ltd. (M)
*K.V.P. Food Saver*, Cheverton & Laidler Ltd. (PM)
*Kabey*, Plura, Paul, & Co. Ltd. (P)
*Kabin*, Thornton, J. W., Ltd. (M)
*Kallfass*, Kempner, S., Ltd. (P)
*Kandox*, Albany Meat Products Ltd. (M)
*Kandy Kid*, Sun D'Or, Ltd. (M)
*Kane-O-matic*, Kane, Frederick C., Ltd. (P)
*Kanepack*, Kane, Frederick C., Ltd. (P)
*Kappack Caps for Bottle Multiples*, Bowater Packaging Ltd. (PM)
*Kardomah*, Cadbury Typhoo Ltd. (M)
*Karl Schnell*, Selco-Bollans Ltd. (P)
*Karges-Hammer*, Pearson Panke Ltd. (P)
*Karr Italiana*, Steetley Co. Ltd. (P)
*Kaymac*, Sefcol (Sales) Ltd. (C)
*Kee Board*, Gascoigne, Gush & Dent (P)
*Kee Klamps*, Gascoigne, Gush & Dent (P)
*Kee-Lock*, Gascoigne, Gush & Dent (P)
*Kellie*, Revel Controls Ltd. (P)
*Kelvin Hughes*, Smiths Industrial Division (P)
*Kenco*, Cadbury Typhoo Ltd. (M)
*Kencote*, Mardon Flexible Packaging Ltd. (PM)
*Kenfoil*, Mardon Flexible Packaging Ltd. (PM)
*Kenny Krunch*, City Bakeries Ltd. (M)
*Kent-Helix*, Kent Meters Ltd. (P)
*Kepier*, Lowe, J., & Co. (Processed Foods) Ltd. (M)
*Kez*, Kleen-e-Ze Ltd. (P)
*Kia-Ora*, Schweppes Ltd. (M)
*Kilner*, U.G. Glass Containers Ltd. (PM)
*Kingcup*, Rowallan Creamery Ltd. (M)
*Kingflake*, London Refiners Ltd. (C)
*King Frost*, Associated Fisheries & Foods Ltd. (M)
*King-Semco*, King, Geo. W., Ltd. (P)
*Kingsbury*, U. G. Closures & Plastics Ltd. (PM)
*King Solomon*, Mediterra Ltd. (C)
*King-Triax*, King, Geo. W. Ltd. (P)
*Kingsway*, British Fish Canners Ltd. (M)
*King-Tuk*, Metal Box Co. Ltd. (PM)
*Kinkit*, Meynell & Sons Ltd. (P)
*Kinney*, General Eng. Co. (Radcliffe) Ltd. (P)
*Kipperettes*, Maconochie Seafoods Ltd. (M)
*Kitchen Aid*, Hobart Manufacturing Co. Ltd. (P)
*Kit Kat*, Rowntree Mackintosh Ltd. (M)
*Kitmac*, Kitchen Machines Ltd. (P)
*Kiwi* (*N/Z*), Modern Butter Packers Ltd. (M)
*Kixse*, Gould, Hibberd & Randall Ltd. (M)
*Kliklok*, Austin Packaging Ltd. (P)
*Kliklok* Mardon Son & Hall Ltd. (PM)
*Kliklok*, Thyne, William, Ltd. (PM)
*Kliklok*, Metal Box Co. Ltd. (PM)

*Kliklok*, Tillotsons (Liverpool) Ltd. (P) (PM)
*Kliklok*, Whitehall Machinery Ltd. (P)
*Klipfix*, Pelkman, John, Eng. Co. Ltd. (P)
*Kokolette*, Goodwin Tidswell (1968) Ltd. (C)
*Kolatarap*, Metal Box Co. Ltd. (PM)
*Kombi*, Pelkman, John, Eng. Co. Ltd. (P)
*Kontex*, Lock, A. M., & Co. Ltd. (P)
*Koospol*, Rukon Food Co. Ltd. (C)
*Kor-lok*, National Adhesives & Resins Ltd. (PM)
*Kramess*, British Bakels Ltd. (C)
*Kreemix*, Unigate Foods Ltd. (C)
*Kremess*, British Bakels Ltd. (C)
*Kriskol*, Craigmillar (C)
*Kristell*, Food Industries Ltd. (C)
*Krusty Krums*, Bremith Foods Ltd. (M)
*Krysal*, Atlas Equipment (London) Ltd. (P)
*Kuepper*, Petzold, Henry, & Co. (P)
*Kushion Kraft*, Abbott's Packaging Ltd. (PM)
*Kwic-Bru*, Granose Foods Ltd. (M)

## L

*L.R.*, Rakusen, Lloyd, & Sons Ltd. (C)
*Lab-o-tabs*, Sessions, William, Ltd. (PM)
*Laburnum*, Merseyside Food Products Ltd. (M)
*Lacelon*, Minnesota Mining & Mfg. Co. Ltd. (PM)
*Laco*, Lotz Abbott & Co., Ltd. (P)
*Lactodan*, Grindsted Products Ltd. (C)
*Lactofil*, Malgavita Ltd. (M)
*Lamix*, Lavery, I. H., & Co., Ltd. (M)
*Lamma*, Duckham, Alexander, & Co. Ltd. (PM)
*Lancaster*, Royles Ltd. (P)
*Langdex*, Banister Street Works Ltd. (P)
*Langfilcon*, Lang-London-Ltd. (P)
*Lap-lok*, National Adhesives & Resins Ltd. (PM)
*Lark*, Anderson & Coltman Ltd. (C)
*Lasso*, Smith & Nephew Ltd. (P) (PM)
*Lassobander*, Smith & Nephew Ltd. (P)
*Lassotaper*, Smith & Nephew Ltd. (P)
*Lassovic*, Smith & Nephew Tapes Ltd. (PM)
*Laurel*. Smith, H., (Purito Products) (M)
*Laurex*, Albright Wilson Ltd., Marchon Division (C)
*Lazy Garlic*, Seyfried, John F., & Sons Ltd. (C)
*Lea & Perrins*, Smedley-HP Foods Ltd. (M)
*Leader*, Smith, G. A., (Desborough) Ltd. (P)
*Leavona*, Lambert, F., & Son Ltd. (M)
*Lecinta*, British Bakels Ltd. (C)
*Lecitex*, British Bakels Ltd. (C)
*Lecra*, Metal Box Co. Ltd. (PM)
*Lectralevel*, Londex Ltd. (P)
*Lectraseal*, U.G. Glass Containers Ltd. (PM)
*Lectraseal*, U. G. Closures & Plastics Ltd. (PM)
*Lee Lychgate*, Graham, William, & Co. (London) Ltd. (C)
*Lembar*, Rayner & Co. Ltd. (C)
*Lemonillo*, Canada Dry (U.K.) Ltd. (M)
*Lemonillo*, Cantrell & Cochrane (Southern) Ltd. (M)
*Lemonine*, Newball & Mason Ltd. (C)
*Leo*, Crimony Co. Ltd. (M)
*Leopard*, Medina Refinery (Camberine) Ltd. (C)
*Lescol*, London Essence Co. Ltd. (C)
*Lessal*, Daniel, H. E., Ltd. (C)
*Letchworth*, Pork Farms Ltd. (M)
*Levelchek*, Lock, A. M., & Co. Ltd. (P)
*Levelette*, Londex Ltd. (P)
*Levelswitch*, Lock, A. M., & Co. Ltd. (P)
*Leveltrol*, G.E.C.-Elliott Control Valves Ltd. (P)
*Lifeguarde*, Crompton Parkinson Ltd. (P)
*Lift Lemon Tea*, Payne, George, & Co. Ltd. (M)
*Liftable*, Hunter, G., (London) Ltd. (P)
*Lightning*, Jones, Samuel, & Co. Ltd. (PM)
*Lightship*, Berisford, S. & W., Ltd. (M)
*Limit*, Robinson, A. T., Ltd. (M)
*Limpet*, Speedwork Labels Ltd. (P) (PM)
*Limpetex*, Speedwork Labels Ltd. (PM)
*Lin-Can*, Lincolnshire Canners Ltd. (M)
*Lincolnshire Lad*, Beaulah, J. & J., Ltd. (M)
*Linde*, Boc-Linde Refrigeration Ltd. (P)
*Linden Limes*, Ferguson, Alex., Ltd. (M)
*Lindor*, Lindt (England) Ltd. (M)
*Line-Blender*, Lightnin Mixers Ltd. (P)
*Link*, Food Industries Ltd. (C)
*Lion*, Herbert & Sons Ltd. (P)
*Lion*, Standard Brands Ltd. (M)
*Lion*, Wright Crossley & Co. Ltd. (C)
*Lipco*, Lipton, C. H., & Co. Ltd. (C)
*Li-Quidet*, Halligan, H. J., & Co. Ltd. (C)
*Liquipack*, Independent Berth Levi Casings Ltd. (C)
*Lithesk*, Metal Box Co., Ltd. (PM)
*Lithocor*, Stevenson, Hugh, & Sons Ltd. (PM)
*Lithocrete*, Briggs Amasco (P)
*Little John*, Robinson & Sons Ltd. (PM)
*Load-O-Matic*, Pengco (Transport Systems) Ltd. (P)
*Lockfast*, Boxfoldia Ltd. (PM)
*Lockwoods*, Beaulah, J. & J., Ltd. (M)
*Loesch*, Ideal Packagings Ltd. (P)
*Lokfast*, Thames Board Mills Ltd. (PM)
*Lok-master*, National Adhesives & Resins Ltd. (PM)
*Lollylam*, Pakcel Converters Ltd. (PM)
*Lorna Doone*, Bristow's of Devon (Manufacturing) Ltd. (M)
*Lo-Temp*, Mojonnier Bros. Co. (P)
*Lowlight*, Crompton Parkinson Ltd. (P)
*Lucile*, Anderson & Coltman Ltd. (C)
*Lucky Alphonse*, Seyfried, John F., & Sons Ltd. (C)
*Lucozade*, Beecham Foods (M)
*Lucullus*, Brooks, R., & Co. (C)
*Lumaline*, M. & B. Plastics Ltd. (PM)
*Lumino*, British Fermentation Ltd. (C)
*Lung Pines*, Bonds of London Ltd. (M)
*Luwair*, Luwa (U.K.) Ltd. (P)
*Luxara*, Branwell, Arthur, & Co. Ltd. (C)
*Luxeal*, Ideal Capsules Ltd. (PM)
*Luxies*, Bristow's of Devon (Manufacturing) Ltd. (M)
*Lych-Gate*, Graham, William, & Co. (London) Ltd. (C)
*Lyncol*, Butterfield Laboratories Ltd. (C)
*Lynlake*, Butterfield Laboratories Ltd. (C)
*Lyons*, Spillers Ltd. (M)
*Lyons Maid*, Lyons, J., & Co. Ltd. (M)

## M

*ME2*, Soya Foods Ltd. (C)
*MM Minimesh*, M. & M. Process Equipment Ltd. (P)
*M.P.*, Margetts Foods Ltd. (M)
*MRM/Elgin*, Doboy Ltd. (P)
*MSB*, Foodtech Ltd. (C)
*Macarex*, Scottish Flavour & Colour Co. Ltd. (M)
*Macaro-en*, Bakery & Confectionery Products Ltd. (C)
*Macaroon*, Southwell, Charles, & Co. Ltd. (M)
*McDonald*, Rockwell Pneumatic Scale Ltd. (P)
*Macdonalds*, United Biscuits Ltd. (M)
*McDougalls*, RHM Foods Ltd. (M)
*McDowell*, Milanda Bread Co. (Edinburgh) Ltd. (M)
*Macfarlanes*, United Biscuits Ltd. (M)
*Macfie's*. Tate & Lyle Refineries Ltd. (M) (C)
*McGills*, Lotz Abbott & Co. Ltd. (P)
*MacGregors*, Paterson, R., & Sons Ltd. (M)
*Maconochies*, British Fish Canners (Frazerburgh) Ltd. (M)
*Macrowhite*, British Bakels Ltd. (C)
*McVities*, United Biscuits Ltd. (M)
*Madcap*, Essonia Ltd. (C)
*Mafco*, Macandrews & Forbes Ltd. (C)
*Maggi*, The Nestlé Co. Ltd. (M)
*Magician*, Anderson & Coltman Ltd. (C)
*Magic Marker*, Speedry Products Ltd. (P)
*Magnetel*, Bailey, Sir W. H., & Co. Ltd. (P)
*Magmo*, Plenty & Son Ltd. (P)
*Magpie*, Gomersall's Magpie Minerals Ltd. (M)
*Maida*, Rowallan Creamery Ltd. (M)
*Mainstay*, Brooks, R. & Co. Ltd. (C)
*Major*, Coventry Climax Engines Ltd. (P)
*Major*, Gilbert, G. & R., Ltd. (P)
*Major*, Kek Ltd. (P)
*Malga*, Unigate Foods Ltd. (C)
*Mall*, Pearson Panke Ltd. (P)
*Mallow Russe*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Maltesers*, Mars Ltd. (M)
*Maltex*, Sugar Products Co. (C)
*Maltex*, Gomersall's Magpie Minerals Ltd. (M)
*Malvern Hills*, Avana Group Ltd. (M)
*Ma Made*, Spring Food Products Ltd. (M)
*Mandarin*, Berisford, S. & W., Ltd. (M)
*Mandor*, Manor Vinegar Brewery Co. Ltd. (M)
*Mandora*, Jones, R. L., & Co. Ltd. (M)
*Manucol*, Alginate Industries Ltd. (C)
*Manugel*, Alginate Industries Ltd. (C)
*Manumixa*, Lang-London-Ltd. (P)
*Marango*, Scottish Flavour & Colour Co. Ltd. (M)
*Maranyl*, Imperial Chemical Industries Ltd. (PM)
*Marathon*, Mars Ltd. (M)
*Marcia*, Vanmar Products Ltd. (P)
*Marcialine*, Vanmar Products Ltd. (P)
*Marciapak*, Vanmar Products Ltd. (P)
*Marguerite*, Lindt (England) Ltd. (M)
*Marie Antoinette*, Seyfried, John F., & Sons Ltd. (C)
*Marietta's*, Zee Fraiza Speciality Foods Ltd (M)
*Marigold*, Atkinsons of Windermere (M)
*Marinepak*, York Division of Borg-Warner Ltd. (P)
*Marinpro*, Macrae, D. A., Ltd. (M)
*Markocoder*, Mark-O-Print Ltd. (P)
*Marleythene*, Marley Tile Co. Ltd. (P)
*Marmex*, Procter & Gamble Ltd. (C)
*Marmite*, Bovril Ltd. (M)
*Marshall's*, Macrae, D. A., Ltd. (M)
*Martlet*, Merrydown Wine Co. Ltd. (M)
*Marvel*, Cadbury Typhoo Ltd. (M)
*Marvello*, Craigmillar (C)
*Mary Ann*, Craven, M. A., & Son Ltd. (M)
*Mary Baker*, Nabisco Ltd. (M)
*Maryland Paste*, Sefcol (Sales) Ltd. (C)
*Mason's*, Reckitt & Colman Food Division (M)
*Masons*, Newball & Mason Ltd. (C)
*Massflo*, Ajax Equipment (Bolton) Ltd. (P)
*Master*, Gilbert, G. & R., Ltd. (P)
*Master*, Kent Meters Ltd. (P)
*Mastercourt*, Decca Radar Ltd. (P)
*Masterfat*, British Bakels Ltd. (C)
*Masterfoil*, Markmaster (Trading) Ltd. (PM)
*Master MCR*, Soag Machinery Ltd. (P)
*Mastermove*, Brimpex Eccles Co. Ltd. (P)
*Masterpiece*, Anderson & Coltman Ltd. (C)
*Masterreel*, Cox Ovenbuilders Ltd. (P)
*Mastertype*, Markmaster (Trading) Ltd. (PM)
*Masterveyor*, Marshall Handling Equipment Ltd. (P)
*Matchmakers*, Rowntree Mackintosh Ltd. (C)
*Mauchline Dunlop Cheese*, Scottish Milk Marketing Board (M)
*Maville*, Newball & Mason Ltd. (C)
*Mavis*, Vasmers Ltd. (C)
*Mawdaspeed*, Mawdsley's Ltd. (P)
*Mawdastat*, Mawdsley's Ltd. (P)
*Maxade*, Maxilin Ltd. (M)
*Maxi*. Dexion Group of Companies (P)
*Maximovers*, WCB Containers Ltd. (P)
*Maxiscale*, Fielden Electronics Ltd. (P)
*Maxmint*, Rowntree Mackintosh Ltd. (M)
*Maxslope*, Angus, George, & Co. Ltd. (P)
*Maxwell House*, General Foods Ltd. (M)
*Mayflower*, Morrell, John, & Co. Ltd. (M)
*Maykway*, Morell, John, & Co. Ltd. (M), (C)
*Mayvesse*, Newball & Mason Ltd. (C)
*Mazchik*, Vasmers Ltd. (C)
*Mazola*, CPC (United Kingdom) Ltd. (M)
*Meadowcroft*, Daintee Chocolate Confectionery Co. (Blackpool) Ltd. (M)
*MeadowGlade*, Greater Nottingham Co-operative Society Ltd. (M)
*Meadowland*, Matlow Bros. Ltd. (M)
*Meat Saver*, Cheverton & Laidler Ltd. (PM)
*Medinoil*, Medina Refinery (Camberine) Ltd. (C)
*Mediora*, Mediterra Ltd. (C)
*Medisan*, Medina Refinery (Camberine) Ltd. (C)
*Medway*, Reed Darnley Taylor Ltd. (P)
*Medyna*, London Oil Medina Ltd. (C)
*Medyna*, Medina Refinery (Camberine) Ltd. (C)
*Meeting House*, Keddie Ltd. (M)
*Meiko*, Kitchen Machines Ltd. (P)

*Melba*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Melco*, McDougall's Catering Foods Ltd. (M)
*Meldon*, Cardonald Food Products Ltd. (M)
*Melinex*, Imperial Chemical Industries Ltd. (PM)
*Mellex*, Thomas & Jones (Tejay) Ltd. (M) (C)
*Melo*, Mason, W. F., Ltd. (P)
*Melody*, Lovell & Christmas Ltd. (M)
*Meltezi*, Sefcol (Sales) Ltd. (C)
*Meltis*, Chocolat Tobler Meltis Ltd. (M)
*Mercury*, Greco's Biscuits Ltd. (M)
*Mercury Kraft Bags*, Bowater Packaging Ltd. (PM)
*Meredith & Drew*, United Biscuits Ltd. (M)
*Merinda*, Bovril Food Ingredients (C)
*Meristar*, Tunnel Refineries Ltd. (C)
*Merita*, British Bakels Ltd. (C)
*Meritose*, Tunnel Refineries Ltd. (C)
*Meriwhip*, Southwell, Chas., & Co. Ltd. (M)
*Meri-White*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Mero-en*, Bakery & Confectionery Products Ltd. (C)
*Merpol*, DRG Merton Packaging (PM)
*Merrie England*, British Canners Ltd. (M)
*Merryhill*, Briess & Co. Ltd. (PM)
*Merry Maid*, Jamesons Chocolates Ltd. (M)
*Merrymaker*, Rayner & Co. Ltd. (C)
*Merry Monk*, Beer, I., & Sons Ltd. (M)
*Mersey*, Banister Street Works Ltd. (P)
*Mervat*, DRG Merton Packaging (PM)
*Metafilter*, Stella-Meta Filters (P)
*Metalam*, Metal Box Co. Ltd. (PM)
*Metalchek*, Lock, A. M., & Co. Ltd. (P)
*Meta Seal*, Ideal Capsules Ltd. (P)
*Metasil*, Stella-Meta Filters (P)
*Metathene*, Metal Box Co. Ltd. (PM)
*Metavin*, Ideal Capsules Ltd. (PM)
*Meteor*, Ideal Packagings Ltd. (P)
*Metic*, Plenty & Son. (P)
*Metior*, TI Chesterfield Ltd. (P)
*Metramatic*, Novotechnics Ltd. (P)
*Metric*, Danks of Netherton Ltd. (P)
*Metriflow*, Metering Pumps Ltd. (P)
*Metripump*, Metering Pumps Ltd. (P)
*Metrivar*, Metering Pumps Ltd. (P)
*Mezzagno*, Harrison, T., & Co. Ltd. (C)
*Midac*, Carter Thermal Industries. (P)
*Middlesex*, Rejafix Ltd. (P)
*Mikro*, Mikropul Ltd. (P)
*Milady*, Waller & Hartley Ltd. (M)
*Milanda*, Duncan, T. D., Ltd. (M)
*Milanda*, Inglis & Co. Ltd. (M)
*Milanda*, Fawcett (South Shields) Ltd. (M)
*Milka*, Suchard Chocolate Ltd. (M)
*Milk Tray*, Cadbury Ltd. (M)
*Milky Lunch*, Lovell, G. F., & Co. Ltd. (M)
*Milky Way*, Mars Ltd. (M)
*Millac*, Pritchitt, L. E. & Co. Ltd. (M)
*Millers*, Amasal Ltd. (C)
*Millers Noyo Nuts*, Amasal Ltd. (C)
*Millstone*, British Pepper & Spice Co. Ltd. (M) (C)
*Millwall*, Fraser, John, & Son Ltd. (P)
*Milo*, The Nestlé Co. Ltd. (M)
*Mincemaster*, Foodtech Ltd. (P)
*Minichiller*, Biddle, F. H., Ltd. (P)
*Minidoor*, Minikay Ltd. (P)
*Minidraft*, Minikay Ltd. (P)
*Minifrost*, Minikay Ltd. (P)
*Minikek*, Kek Ltd. (P)
*Minimaster*, Dust Control Equipment Ltd. (P)
*Miniposters*, Sessions, Wm., Ltd. (PM)
*Mini-rack*, Cox Ovenbuilders Ltd. (P)
*Miniseal*, Serck Audco Valves (P)
*Minisonic*, Ultrasonic Ltd. (P)
*Minisorber*, Rimer Birlec Ltd. (P)
*Ministeak*, Smith, O. L., & Co. Ltd. (P)
*Minister*, Davies Bros. (Neath) Ltd. (M)
*Minitainer*, Towers (Sunderland) Ltd. (P)
*Mini-temper*, Baker Perkins Ltd. (P)
*Miniveil*, Minikay Ltd. (P)
*Minorsak*, Paper Sacks Ltd. (PM)
*Min-stretch Thin*, Lane, George, & Sons Ltd. (P)
*Mintoes*, Nuttall Riley Ltd. (M)
*Mintola*, Rowntree Mackintosh Ltd. (M)
*Minute Gravy*, General Foods Ltd. (M)
*Miraclo*, Stephens Miraclo Belts Ltd. (P)
*Mirasol*, Briess & Co. Ltd. (C)
*Mirrir Choc*, Stewart, Wm., & Arnold Ltd. (C)
*Mr. Kipling*, RHM Bakeries Ltd. (M)
*Mr. Mix*, The Nestlé Co. Ltd. (M)
*Mrs. Batchelor*, Rayner & Co. Ltd. (M)
*Mrs. Beeton*, Park Cake Bakeries Ltd. (M)
*Mitchell*, A.P.V.-Mitchell (Dryers) Ltd. (P)
*Miwimaster*, Dust Control Equipment Ltd. (P)
*Mixaroon*, Southwell, Charles, & Co. Ltd. (M)
*Mixed Oddfellows*, King, Alexander, (Wishaw) Ltd. (M)
*Mobeelisor*, Thames Packaging Equipment Co. (P)
*Mobilifter*, Thames Packaging Equipment Co. (P)
*Modufil*, Becker Equipment & Lifts Ltd. (P)
*Modulux*, Crompton Parkinson Ltd. (P)
*Mohawk*, Anderson & Coltman Ltd. (C)
*Mojo*, Tavener Rutledge Ltd. (M)
*Monkies*, Dalton's, Percy, Famous Peanut Co. Ltd. (C)
*Monobag*, Wright Machinery Co. Ltd. (P)
*Monobloc*, Worthington-Simpson Ltd. (P)
*Monocan*, Mono Containers Ltd. (PM)
*Monocast*, Polypenco Ltd. (P)
*Monogrid*, Lane, George, & Sons Ltd. (P)
*Montaseal*, Montgomery, Daniel, & Son Ltd. (PM)
*Montero*, Anderson & Coltman Ltd. (C)
*Montex*, Bermaline Ltd. (M)
*Montex*, Stevenson, Hugh & Sons Ltd. (PM)
*Montezuma* Caxton Chocolate Co. Ltd. (C)
*Moonlight*, Terry, Joseph, & Sons Ltd. (M)
*Moor Farm*, British Canners Ltd. (M)
*Moorhouses*, Cadbury Typhoo Ltd. (M)
*Mopik*, Becker Equipment & Lifts Ltd. (P)
*Moraw Rusk*, Amasal Ltd. (C)
*Mornflake*, Morning Foods Ltd. (M) (C)
*Morning Glory*, Morrell, John, & Co. Ltd. (M)
*Morny*, Country Kitchen Foods Ltd. (M)
*Morrell Pride*, Morrell, John, & Co. Ltd. (M) (C)
*Mor-Sweet*, CPC (United Kingdom) Ltd. (C)
*Morton*, Beecham Foods (M)
*Motaveyor*, Collis Mechanical Handling Ltd. (P)

*Mothers Pride,* RHM Bakeries Ltd. (M)
*Mountain Rose,* Lindt (England) Ltd. (M)
*Mountie,* Access Equipment Ltd. (P)
*Mubir,* Bartleet, Norman, Ltd. (P)
*Muconveyor,* Mucon Eng. Co. Ltd. (P)
*Mudd,* Associated Fisheries & Foods Ltd. (M)
*Muller,* Bosch, Robert, Packaging Machinery (U.K.) Ltd. (P)
*Multelec,* Kent, George, Ltd. (P)
*Multi Finex,* Russell Finex Ltd. (P)
*Multiflow,* Weir, G. & J., Ltd. (P)
*Multi-Lok,* National Adhesives & Resins Ltd. (PM)
*Multiplex,* Russell Constructions Ltd. (P)
*Multiseal,* Ideal Capsules Ltd. (P)
*Multistak,* Douglas-Rownson Ltd. (P)
*Multiswirl,* Dust Control Equipment Ltd. (P)
*Multitainer,* Polythene Drums Ltd. (PM)
*Multitrol,* G.E.C.-Elliott Control Valves Ltd. (P)
*Munchies,* Rowntree Mackintosh, Ltd. (M)
*Muntona,* Munton & Fison Ltd. (M) (C)
*Murphy,* Riley's Potato Crisps Ltd. (M)
*Murray,* Cadbury Ltd. (M)
*Mycoban,* British Arkady Co. Ltd. (C)
*Myro,* British Fermentation Products Ltd. (C)

## N

*N. D.,* Stainless Steel Pumps Ltd. (P)
*NG & SF,* British Fermentation Products Ltd. (C)
*N.I.D.,* Bartleet, Norman, Ltd. (P)
*Nairn,* Milanda Bread Co. (Edinburgh) Ltd. (M)
*Nairocaf,* Nairobi Coffee & Tea Co. Ltd. (M)
*Nalder,* Bartleet, Norman, Ltd. (P)
*Namco,* Anderson & Coltman Ltd. (C)
*Nameloid,* Transparent Packings Manufacturing Co. Ltd. (PM)
*Nansa,* Albright Wilson Ltd., Marchon Division (C)
*Narange,* Carter's Gold Medal Soft Drinks Ltd. (M)
*Nardaroma,* Naarden (London) Ltd. (C)
*National,* Rose Forgrove Ltd. (P)
*National Sovereign,* National Fishcuring Co. Ltd. (M)
*Natura,* White Stevenson Ltd. (C)
*Nauta,* Nautamix (U.K.) Ltd. (P)
*Navy,* Matlow Bros. Ltd. (M)
*Neataseal,* Metal Box Co. Ltd. (PM)
*Nectar,* Twining, R., & Co. Ltd. (M)
*Nedo,* Pacunion Ltd. (P)
*Neill's,* Paterson, R., & Sons Ltd. (M)
*Neldco,* Sala Neldco Ltd. (P)
*Neorome,* Dragoco (G.B.) Ltd. (C)
*Nescafé,* The Nestlé Co. Ltd. (M)
*Nestea,* The Nestlé Co. Ltd. (M)
*Nesquik,* The Nestlé Co. Ltd. (M)
*Net 909,* Smith & Nephew Plastics Ltd. (PM)
*Nevastik.* London Aluminium Co. Ltd. (PM)
*New Berry,* Chocolat Tobler Meltis Ltd. (M)
*Newbery,* Newtime Foods Ltd. (M)
*Newcon,* King, Geo. W., Ltd. (P)
*Newforge,* Lovell & Christmas Ltd. (M)
*Newline,* Crompton Parkinson Ltd. (P)
*Newshape,* Crompton Parkinson Ltd. (P)
*Newtint,* RHM Ingredient Supplies Ltd. (C)
*New World,* Crompton Parkinson Ltd. (P)
*Niagara,* Barnett & Foster (M)
*Nillava,* Food Industries Ltd. (C)
*Nimble,* RHM Bakeries Ltd. (M)
*95,* Bush Boake Allen Ltd. (C)
*Nine Reigns,* Ferguson, J. & A. (Bakers) Ltd (M)
*Nisaplin,* Aplin & Barrett Ltd. (C)
*No-Bo,* Essonia Ltd. (C)
*Nojax,* Viskase Ltd. (C)
*Nol,* Crimony Co. Ltd. (M) (C)
*Nomad,* British Soya Products Ltd. (C)
*Nonik,* U.G. Glass Containers Ltd. (PM)
*Nonsuch,* Walker's Nonsuch Ltd. (M)
*Non-Speck,* Bush Boake Allen Ltd. (C)
*No-Odo-Lith,* Austin Packaging Ltd. (P)
*Noral,* Northern Aluminium Co. Ltd. (PM)
*Norbest,* Matthews, Bernard, Ltd. (M)
*Norco Pickles,* Lucas, A. H. L., & Sons Ltd. (M)
*Norfolk,* RHM Foods Ltd. (M)
*Norfolk Broads,* Pettits of Reedham, Ltd. (M)
*Norfolk Cottage,* Matthews, Bernard, Ltd. (M)
*Norfolk Manor,* Matthews, Bernard, Ltd. (M)
*North Cape,* British Fish Canners (Frazerburgh) Ltd. (M)
*North Star,* Mitchell's Diadem Flour Co. Ltd. (M)
*Norvil,* Harradine, J. & Sons Ltd. (M)
*Nosegay,* Gunstone, Wm., & Sons Ltd. (M)
*Nosegay,* Hunter, John A., & Co. Ltd. (M)
*Noted Stowmarket,* Turner, W. A. (M)
*Nova,* Rukon Food Co. Ltd. (C)
*Novo-Pak,* Novotechnics Ltd. (P)
*Nu-Choc,* Wander, A., Ltd. (M)
*Nucoa,* Loders & Nucoline Ltd. (C)
*Nucocos,* Loders & Nucoline Ltd. (C)
*Nucoline,* Loders & Nucoline Ltd. (C)
*Nuframe,* Douglas-Rownson Ltd. (P)
*Nu-Glaze,* Peter's Patent Powder Works Ltd. (M) (C)
*Nukrisko,* RHM Ingredient Supplies Ltd. (C)
*Nuleda,* Loders & Nucoline Ltd. (C)
*Nu-line,* Douglas-Rownson Ltd. (P)
*Nupreme,* Badex Ltd. (C) (M)
*Nurse Grants,* White, Hudson & Co. Ltd. (M)
*Nussani,* Dohler (U.K.) Ltd. (C)
*Nutmeat,* Granose Foods Ltd. (M)
*Nutrameat,* Albany Meat Products Ltd. (M)
*Nutrex,* Slimcea Ltd. (M)
*Nutrose,* Procter & Gamble Ltd. (C)
*Nuttabisko,* Atkinsons of Windermere (M)
*Nutter,* Mapletons Foods Ltd. (M) (C)
*Nuttolene,* Granose Foods Ltd. (M)
*Nuvac,* Metal Box Co. Ltd. (PM)
*Nycella,* Crimony Co. Ltd. (M)
*Nylaflow,* Polypenco Ltd. (P)
*Nylasint,* Polypenco Ltd. (P)
*Nylatron,* Polypenco Ltd. (P)
*Nylex,* RHM Ingredient Supplies Ltd. (P)
*Nylolink,* Douglas-Rownson Ltd. (P)
*Nylothene,* Smith, & Nephew Plastics Ltd. (PM)
*Nylowheel,* Douglas-Rownson Ltd. (P)
*Nymph,* Crimony Co. Ltd. (C) (M)

## O

*O.K.*, Colman Foods (M)
*O.P. Chocolate*, Associated Biscuit Manufacturers Ltd. (M)
*Oat Krunchies*, Quaker Oats Ltd. (M)
*Oberon*, Mischeff, Kiril Ltd. (C)
*Oberon*, British Soya Products Ltd. (C)
*Obsa*, Drayton Controls Ltd. (P)
*Occo.*, Orange Crush Co. (London) Ltd. (M)
*Oceco*, Oppenheimer Casing Co. (C)
*Odin*, Anderson & Coltman Ltd. (C)
*Ojo*, Cantrell & Cochrane (Great Britain) Ltd. (M)
*Olavit*, Glover, Joseph, Ltd. (M)
*Olde English Cyder*, Gaymer, William & Son Ltd. (M)
*Old Fashioned Sweets*, Parkinson, S., & Son (Doncaster) Ltd. (M)
*Old Jamaica*, Cadbury Ltd. (M)
*Old Master*, Chocolat Tobler Meltis Ltd. (M)
*Olex*, Bush Boake Allen Ltd. (C)
*Olis*, Smith, O. L., & Co. Ltd. (P)
*Olivaze*, London Oil Medina Ltd. (C)
*Oliver Douglas*, Allmet, Oliver Douglas Ltd. (P)
*Olympia*, Kek Ltd. (P)
*Olympian*, Omic Ltd. (P)
*Omicrates*, Omic Ltd. (P)
*Omnia*, Hunter, Thomas, Ltd. (P) (PM)
*Ondula*, Robinson & Sons Ltd. (PM)
*Opal Fruits*, Mars Ltd. (M)
*Opie's*, Bennett Opie Ltd. (M) (C)
*Optima*, Ideal Packagings Ltd. (P)
*Optimum*, Weir, G. & J., Ltd. (P)
*Orange Bar*, Midland Counties Dairy Ltd. (M)
*Orangillo*, Canada Dry (U.K.) Ltd. (M)
*Orangillo*, Cantrell & Cochrane (Southern) Ltd. (M)
*Orbital-Lobe*, Watson-Marlow Ltd. (P)
*Orchard*, Associated British Foods Ltd. (M)
*Orchard Blossom*, Daniels, S., & Co. Ltd. (C)
*Orchardlea*, Country Kitchen Foods Ltd. (M)
*Ordamata*, King, Geo. W. Ltd. (P)
*Orglas*, Prodorite Ltd. (P)
(M)
*Original Edinburgh Rock*, Ferguson, Alex., Ltd. (M)
*Original London*, Atkinsons of Windermere (M)
*Orion*, British Fermentation Products Ltd. (C)
*Orlem*, Stratford upon Avon Mineral Water Co. Ltd. (M)
*Ormalt*, Ormeau Bakery, Ltd. (M)
*Ormo*, Ormeau Bakery Ltd. (M)
*Ormocrisp*, Ormeau Bakery Ltd. (M)
*Ormvita*, Ormeau Bakery Ltd. (M)
*Ornaprocea*, Ormeau Bakery Ltd. (M)
*Orozo*, Dunhills (Pontefract) Ltd. (M)
*Osprey*, Berisford, S. & W., Ltd. (M)
*Ostermilk*, Glaxo Laboratories Ltd. (M)
*Otiz*, Sefcol (Sales) Ltd. (C)
*Outline*, Van den Berghs (M)
*Ovafina*, Dohler (U.K.) Ltd. (C)
*Ovalett*, British Bakels Ltd. (C)
*Ovaltine*, Wander, A., Ltd. (M)
*Overstrip*, Mardon Flexible Packaging Ltd. (PM)
*Ovnpack*, Smith & Nephew Plastics Ltd. (PM)
*Oxford*, Cooper, Frank, Ltd. (M)
*Oxo*, Brooke Bond Oxo Ltd. (M)
*Oylcuber*, Sizer, Richard, Ltd. (P)
*Oyster*, Davis, Leon, & Co. Ltd. (PM)
*Oyster Shells*, Greco's Biscuits Ltd. (M)

## P

*P.C.L.*, Sefcol (Sales) Ltd. (C)
*P.K.*, Wrigley Co. Ltd. (M)
*P.L.J. Lemon Juice*, Beecham Foods (M)
*PNL3*, Fielden Electronics Ltd. (P)
*PSM*, Kent Meters Ltd. (P)
*PX*, Lane, Henry A., & Co. Ltd. (C)
*Pachyderm*, DRG Merton Packaging (PM)
*Pacific Blue*, Daniels, S., & Co. Ltd. (C)
*Packetron*, Rockwell Pneumatic Scale Ltd. (P)
*Packmat*, Bosch, Robert, Packaging Machinery (U.K.) Ltd. (P)
*Paco*, Paine & Co. Ltd. (M)
*Pafic*, Plenty & Sons (P)
*Pakafst*, Boxfoldia Ltd. (PM)
*Pakideal*, Ideal Packagings Ltd. (P)
*Pak-Print*, Croda-Polymers Group Ltd. (P)
*Palace*, Brown & Knight Ltd. (M
*Paliton*, Omic Ltd. (P)
*Palletite*, MIA (Sheffield) Ltd. (P)
*Palm*, Cavenham Confectionery Ltd. (M)
*Pana-Do*, British Arkady Co. Ltd. (C)
*Panazyme*, A.B.M. Chemicals Ltd. (C)
*Pancake*, Smith & McLaurin Ltd. (PM)
*Panda*, Biddle Sawyer Foods Ltd. (C)
*Paneze*, London Oil Medina Ltd. (C)
*Pannett & Neden*, Noel, L., & Sons Ltd. (M).
*Panodan*, Grindsted Products Ltd. (C)
*Panora*, British Arkady Co. Ltd. (C)
*Pan Yan*, Rowntree Mackintosh Ltd. (M)
*Paoli*, Foodtech Ltd. (P)
*Paraflow*, A.P.V. Co. Ltd. (P)
*Paragon*, Morrell, John, & Co. Ltd. (M) (C)
*Paramount*, Daintee Chocolate Confectionery Co. (Blackpool) Ltd. (M)
*Paramount*, RHM Ingredient Supplies Ltd. (C)
*Paravalve*, A.P.V. Co. Ltd. (P)
*Park*, Park Cake Bakeries Ltd. (M)
*Parkland*, Rannoch, John, Ltd. (C)
*Parkona*, Park Cake Bakeries Ltd. (M)
*Parma*, Dohler (U.K.) Ltd. (C)
*Parmexa*, London Oil Medina Ltd. (C)
*Pascall*, Cadbury Ltd. (M)
*Pasha*, Lings Ltd. (M)
*Pastime*, Parkinson, S., & Son (Doncaster) Ltd. (M)
*Pastoral*, British Food Canning (Preston) Ltd. (M)
*Pat*, Bibby, J., & Sons Ltd. (M)
*Pat-a-Fish Golden Crumbs*, RHM Foods Ltd. (M)
*Patamints*, Nuttalls (Patamints) Ltd. (M)
*Patomatic*, Perkins Boilers Ltd. (P)
*Patrol*, Anderson & Coltman Ltd. (C)
*Patterson*, A.P.V.-Mitchell (Dryers) Ltd. (P)
*Pattipro*, Griffith Laboratories (U.K.) Ltd. (C)

*Patum Peperium,* Elsenham Quality Foods Ltd. (M)
*Paxman,* GEC Diesels Ltd. (P)
*Paxo,* RHM Foods Ltd. (M)
*Payne's Poppets,* Payne, George, & Co. Ltd. (M) (C)
*Peacock,* Heap, Joseph, & Sons Ltd. (M) (C)
*Peak,* Moore, Samuel, Foods Ltd. (M)
*Peek Frean,* Associated Biscuit Manufacturers Ltd. (M)
*Peanco Ware,* Pearsons & Co. (Chesterfield) Ltd. (PM)
*Peardrax,* Whiteways of Whimple Ltd. (C)
*Peasant Boy,* Beaulah, J. & J., Ltd. (M)
*Pedestal,* Aylwin, Geo., & Son (C)
*Pedigree,* Atkinsons of Windermere (M)
*Pedigree,* British Arkady Co. Ltd. (C)
*Pedigree,* Gilbert, G. & R., Ltd. (P)
*Pektolase,* Grindsted Products Ltd. (C)
*Pelcub,* Sizer, Richard, Ltd. (P)
*Pelican,* Rose Forgrove Ltd. (P)
*Pellofreeze,* Frigoscandia Ltd. (P)
*Pemplex,* Pembroke Packaging Ltd. (PM)
*Penguin,* Kitchen Machines Ltd. (P)
*Penistone,* British Vinegars Ltd. (M)
*Pennine,* Dalton Stange Ltd. (C)
*Pennymints,* Harradine, J., & Sons Ltd. (C)
*Pepperoyal,* Griffith Laboratories (U.K.) Ltd. (C)
*Pepsi Cola,* White, R., & Sons Ltd. (M)
*Pepsi-Cola,* Schweppes Ltd. (M)
*Percy Dalton,* RHM Ingredient Supplies Ltd. (P)
*Perfacling,* Perfarap Ltd. (PM)
*Perfashrink,* Perfarap Ltd. (PM)
*Perfastretch,* Perfarap Ltd. (PM)
*Perfection,* Pullman Pans Ltd. (P)
*Perfection C,* Sefcol (Sales) Ltd. (C)
*Perflex S,* Viskase Ltd. (C)
*Perforoll,* Metal Box Co. Ltd. (PM)
*Perfresh,* Smith & Nephew Plastics Ltd. (PM)
*Perga,* Bowater Flexible Packaging Ltd. (PM)
*Pergall Bulk Pack,* Bowater Flexible Packaging Ltd. (PM)
*Perko,* Peerless Refining Co. (Liverpool) Ltd. (C)
*Permac,* Grace, W. R., Ltd. (P) (PM)
*Permaseal,* Douglas-Rownson Ltd. (P)
*Permicol,* Bush Boake Allen Ltd. (C)
*Perolin,* British Fermentation Products Ltd. (C)
*Peters Superior Gglaz,* Peter's Patent Powder Works Ltd. (M)
*Petito,* Dornay Foods (M)
*Pettina,* British Bakels Ltd. (C)
*Petzholdt,* Emmerich (London) Ltd. (P)
*Pfaudler,* Balfour, Henry, & Co. Ltd. (P)
*Philadelphia,* A.P.V.-Osborne Craig Ltd. (P)
*Philadelphia,* Kraft Foods Ltd. (M)
*Phil-mallow,* Watson & Philip (Manufacturing) Ltd. (M)
*Phoenix,* Ingram Bros. (Glasgow) Ltd. (C)
*Photolock,* Lock, A. M., & Co. Ltd. (P)
*Pienpak,* Plenty & Son Ltd. (P)
*Pier Head,* Merseyside Food Products Ltd. (M)
*Pilferproof R.O. Seals,* Metal Closures Ltd. (P)
*Pims,* House of Clarks Ltd. (M)
*Pinjar,* Lucas, T., & Co. Ltd. (C)
*Pinjar,* Spillers Ltd. (M)
*Pink Land,* Goldwell Ltd. (M)
*Pinnacle,* Watson & Philip (Manufacturing) Ltd. (M)
*Pinpan,* Goldrei, Ch., Foucard & Son Ltd. (C)
*Pintail,* Ainsworth & Burgess Ltd. (M)
*Pioneer,* Dawson & Barfos (Mfg.) Ltd. (P)
*Piper,* RHM Foods Ltd. (M)
*Pirate,* Anderson & Coltman Ltd. (C)
*Piret Freres,* Sharwood, J. A. & Co. Ltd. (M)
*Pixie,* Lucas, A. H. L., & Sons Ltd. (M)
*Plain Jane,* Callard & Bowser Ltd. (M)
*Pland,* TRF Pland Ltd. (P)
*Planet,* Bowater Packaging Ltd. (PM)
*Planifoline,* Florasynth Ltd. (C)
*Plantarome,* Florasynth Ltd. (C)
*Platern's,* Standard Brands Ltd. (M) (C)
*Plasbin,* Alcoa Container Systems (G.B.) Ltd. (P)
*Plasoleum,* Prodorite Ltd. (P)
*Plastapak,* Acalor (1948) Ltd. (P)
*Pasticon,* Mulcott Belting Co. Ltd. (P)
*Pasticup,* Mono Containers Ltd. (PM)
*Plastiflex,* Borden (U.K.) Ltd. (Arabol-Edwardson Div.) (PM)
*Plaswrap,* Rose Forgrove Ltd. (P)
*Plenpak,* Plenty & Son (P)
*Plexicap,* Metal Box Co. Ltd. (PM)
*Plumtree,* Pork Farms Ltd. (M)
*Plunderfrisch,* Dohler (U.K.) Ltd. (C)
*Plus Pack,* Thyne, William, Ltd. (PM)
*Plus Pack,* Alcan Ekco Ltd. (P) (PM)
*Plush Nuggetts,* Lovell, G. F., & Co. Ltd. (M)
*Plylon,* Goodyear Tyre & Rubber Co. (Gt. Britain) Ltd. (P)
*Plymouth Rock,* Albany Meat Products Ltd. (M)
*Pneumacap,* Rockwell Pneumatic Scale Ltd. (P)
*Pneumaclean,* Rockwell Pneumatic Scale Ltd. (P)
*Pneumaflow,* Rockwell Pneumatic Scale Ltd. (P)
*Pneumatron,* Rockwell Pneumatic Scale Ltd (P)
*Pola Cola,* Strathmore Springs Ltd. (M)
*Polarcote,* Mitcham Cardboards Ltd. (PM)
*Polisax,* Imperial Chemical Industries Ltd. (PM)
*Pollastra,* Pollastra Packers Ltd. (M)
*Polly Pipers,* Piper Products (Poole) Ltd. (M)
*Polo,* Rowntree Mackintosh Ltd. (M)
*Polo,* Powell & Co. (P)
*Polyfood,* Angus, George, & Co. Ltd. (P)
*Polygrada,* Gunson's Sortex Ltd. (P)
*Poly-lok,* National Adhesives & Resins Ltd. (PM)
*Polynerist,* Rediweld Ltd. (P)
*Polypak,* Polythene Drums Ltd. (PM)
*Polypot,* Metal Box Co. Ltd. (PM)
*Polyrap,* Decoflex Ltd. (PM)
*Polyrobe,* Smith & Nephew Plastics Ltd. (PM)
*Polystrap,* Payne, P. P., Ltd. (PM)
*Polytish,* Smith & Nephew Plastics Ltd. (PM)
*Polytuff,* Clyde Paper Co. Ltd. (PM)
*Pomagne,* Bulmer, H. P., Ltd. (M)

*Pomona*, Whiteways of Whimple Ltd. (M)
*Pompadour*, Askeys Ltd. (M)
*Ponchello*, Essonia Ltd. (C)
*Pontepak*, Pontefract Box Co. Ltd. (PM)
*Pony*, Showerings Ltd. (M)
*Pop*, Greco's Biscuits Ltd. (M)
*Popular*, Omic Ltd. (P)
*Porage*, Scott, A. & R., Ltd. (M)
*Porkshire*, Yorkshire Farmers' Bacon Factory (1932) Ltd. (M)
*Portaspray*, Dawson McDonald & Dawson, Ltd. (P)
*Portessa*, Daniel, H. E., Ltd. (C)
*Portiopak*, Scot Meat Products Ltd. (M)
*Portola*, Anderson & Coltman Ltd. (C)
*Positrol*, G.E.C.-Elliott Control Valves Ltd. (P)
*Potavie*, Sefcol (Sales) Ltd. (C)
*Poweracks*, Dexion Group of Companies (P)
*Powerlux*, Crompton Parkinson Ltd. (P)
*Powermop*, Floormatic Ltd. (P)
*Power-Rolaveyor*, Collis Mechanical Handling Ltd. (P)
*Powerslave*, Serck Audco Valves (P)
*Powerspray*, Compair Industrial Ltd. (P)
*Powrworker*, Clark Equipment Ltd. (P)
*Prague Powder*, Griffith Laboratories (U.K.) Ltd. (C)
*Pratt Low*, Graham, William, & Co. (London) Ltd. (C)
*Prefabor*, Numec Ltd. (P)
*Premier*, Greater Nottingham Co-operative Society Ltd. (M)
*Premo*, Craigmillar (C)
*Prep*, Proctor & Gamble Ltd. (C)
*Press Right*, Floormatic Ltd. (P)
*Presson*, Norprint Ltd. (P)
*Prestic*, Sellotape Products (UK) (P) (PM)
*Pride of Kenya*, Nairobi Coffee & Tea Co. Ltd. (M)
*Prima*, Dalton's, Percy, Famous Peanut Co. Ltd. (C)
*Prima*, Hay, William, & Sons (Aberdeen) Ltd. (M)
*Primamix*, Foodtech Ltd. (C)
*Primarz*, Allmey & Layfield Ltd. (C)
*Primatex*, Foodtech Ltd. (C)
*Primula*, Kavli Ltd. (M)
*Princes*, Bibby, J., & Sons Ltd. (M)
*Princess*, Ingram Bros. (Glasgow) Ltd. (C)
*Princess*, Stewart, H. W., Ltd. (M)
*Princess*, Tavener Rutledge Ltd. (M)
*Print-A-Ply*, Norprint Ltd. (P)
*Prize Crop*, Anglia Canners Ltd. (M)
*Probst & Class*, Petzold, Henry, & Co. (P)
*Procea*, Slimcea Ltd. (M)
*Prodor-Glas*, Prodorite Ltd. (P)
*Prodoraqua*, Prodorite Ltd. (P)
*Prodorlac*, Prodorite Ltd. (P)
*Prodorphalte*, Prodorite Ltd. (P)
*Promax*, Albion Sugar Co. Ltd. (C)
*Promax*, Love, N. B., Starches Pty. Ltd. (C)
*Promex*, Procter & Gamble Ltd. (C)
*Promise*, Batchelors Foods Ltd. (M)
*Propafilm*, Imperial Chemical Industries Ltd. (PM)
*Propathene*, Imperial Chemical Industries Ltd. (PM)
*Propohane*, British Cellophane Ltd. (PM)
*Propylex*, British Celanese Ltd. (PM)
*Protan*, Duché, T. M., & Sons (U.K.) Ltd. (C)
*Protectocoat*, Sessions, William, Ltd. (PM)
*Proteinase* 18, A.B.M. Chemicals Ltd. (C)
*Proteinase* T, A.B.M. Chemicals Ltd. (C)
*ProTen*, Swift & Co. Ltd. (M)
*Protex*, Hercules Powder Co. Ltd. (C)
*Protovan 'F'*, Florasynth Ltd. (C)
*Protovanol 'C'*, Florasynth Ltd. (C)
*Provita*, Foodtech Ltd. (C)
*Prudente*, Food Industries Ltd. (C)
*Pryormark*, Pryor, Edward, & Son Ltd. (P)
*Pukka*, Shuttleworth, W. S., & Co. Ltd. (C)
*Pullmaster*, Brimpex Eccles Co. Ltd. (P)
*Pulmac*, Foellsain-Wycliffe Foundries Ltd. (P)
*Pulselife*, Dunlop Ltd. (P)
*Puma*, A. P. V. Co. Ltd. (P)
*Puratose*, Brown & Polson Ltd. (C)
*Purity*, Laing National Ltd. (C)
*Purity Irish*, Producers Bacon Co. (Collin Glen) Ltd. (M)
*Purmaplate*, Sessions, William, Ltd. (PM)
*Puron*, Albright & Wilson Ltd., Oldbury Division (C)
*Purple and Gold*, Callard & Bowser Ltd. (M)
*Pusa*, Lancashire Condenseries Ltd. (C)
*Py-Jell*, Peter's Patent Powder Works Ltd. (M)
*Pylebro Vegetable Washing Machine*, Edmonds, P. J., Ltd. (P)
*Pyod*, Foxboro Yoxall Ltd. (P)
*Pyramid*, Bland International Packaging

## Q

*QVF*, Jobling, James A., & Co. Ltd. (P)
*Quadcote*, Mardon Flexible Packaging Ltd. (PM)
*Quadratainers*, Van Leer (U.K.) Ltd. (PM)
*Qualcoline*, Scottish Flavour & Colour Co. Ltd. (C)
*Quality Street*, Rowntree Mackintosh Ltd. (M)
*Quavers*, Smiths Food Group (M)
*Queenflake*, London Refiners Ltd. (C)
*Queensway*, Bevan, A. E., Ltd. (M) (C)
*Queensway*, Imperial Chemical Industries Ltd. (PM)
*Quellfix*, Dohler (U.K.) Ltd. (C)
*Quelli*, Dohler (U.K.) Ltd. (C)
*Quick-Flan*, Green, H. J., & Co. Ltd. (M)
*Quickie*, Bowater Packaging Ltd. (PM)
*Quick-Jel*, Green, H. J., & Co. Ltd. (M)
*Quick-Scan*, Taylor Instrument Companies (Europe) Ltd. (P)
*Quikchoc*, Pritchitt, L. E., & Co. Ltd. (M)
*Quikkreem*, Pritchitt, L. E., & Co. Ltd. (M)
*Quiklink*, Power, Fredk. A., & Sons Ltd. (P)
*Quikseal*, Metal Box Co. Ltd. (PM)
*Quinaqua*, Halligan, H. J., & Co. Ltd. (C)
*Quix*, Halligan, H. J., & Co. Ltd. (C)
*Quiz*, Tavener Rutledge Ltd. (M)
*Quorn*, RHM Foods Ltd. (M)
*Quosh*, Beecham Foods (M)

## R

*RDIO*, Douglas-Rownson Ltd. (P)
*R.O.*, Metal Closures Ltd. (P) (PM)
*R.S.S.*, Stewart, Robert, & Sons Ltd. (C)
*Raceline*, Crompton Parkinson Ltd. (P)
*Rac-freezer*, Douglas-Rownson Ltd. (P)
*Rackit*, Towers (Sunderland) Ltd. (P)
*Radiant*, Smith & McLaurin Ltd. (PM)
*Radiant Strip*, Biddle, F. H., Ltd. (P)
*Ra-fa-ma*, Petzold, Henry, & Co. (P)
*Rainbow*, Pumphrey, W. & M., Ltd. (M) (C)
*Rajah*, Torring & Stockwell Ltd. (M)
*Randalrak*, Randall, James H., & Son Ltd. (P)
*Rapfilm*, Rapfast Ltd. (PM)
*Rapid*, Gardners of Gloucester (P)
*Rapid*, Rejafix Ltd. (P)
*Rapidaire*, Eureka Engineering Co. Ltd. (P)
*Rapide*, Lansing Bagnall Ltd. (P)
*Rapidox*, Bowater Packaging Ltd. (PM)
*Rapidpak*, Boxfoldia Ltd. (PM)
*Rapid Tie*, Gerrard Industries Group (PM)
*Rapier*, Adams, Alfred, & Co. Ltd. (PM)
*Rapiradia*, Stewart Gill & Co. Ltd. (P)
*Rapisonic*, Ultrasonics Ltd. (P)
*Rapistan*, Manufacturers Equipment Co. Ltd. (P)
*Rasarco*, Sarant, R., & Co. Ltd. (C)
*Rasch*, Bartleet, Norman, Ltd. (P)
*Raspreme*, Supreme Manufacturing Co. Ltd. (M)
*Ravenhead*, U.G. Glass Containers Ltd. (PM)
*Rawlings*, White, R., & Sons Ltd. (M)
*Raydawn*, Rayner & Co. Ltd. (C)
*Raymond*, International Combustion Ltd. (P)
*Rayophane*, British Sidac Ltd. (PM)
*Rayothene*, Pakcel Converters Ltd. (PM)
*Read's*, Read Woodrow Ltd. (M)
*Ready Brek*, Lyons, J., & Co. Ltd. (M)
*Ready-Mix*, Lyons, J., & Co. Ltd. (M)
*Reavell*, Compair Industrial Ltd. (P)
*Reciproject*, Visco Ltd. (P)
*Record*, Pasta Foods Ltd. (M) (C)
*Red Ball*, White Stevenson Ltd. (C)
*Red Carnation*, Kimpton Bros. Ltd. (C)
*Red Club*, Barnett & Foster Ltd. (M)
*Red Crest*, Paine & Co. Ltd. (M)
*Red & White*, Iberian Foods Ltd. (C)
*Rediangle*, Gerrard Industries Ltd. (P)
*Rediflo*, British Preserves Ltd. (M)
*Redington*, Carrington Packaging Ltd. (P)
*Redirack*, Gerrard Industries Ltd. (P)
*Reditape*, Smith & McLaurin Ltd. (PM)
*Redivin*, Rediweld Ltd. (P)
*Red M Brand*, Macrae, D. A., Ltd. (M)
*Redmix*, Aptunion (UK) Ltd. (C)
*Red Star*, Bridon Fibres & Plastics Ltd. (P)
*Red Star*, Exley, A., & Sons Ltd. (M)
*Red-2-Stuf*, Independent Berth Levi Casings Ltd. (C)
*Red, White & Blue*, Twining, R., & Co. Ltd. (M)
*Red Wings*, Beer, I., & Sons Ltd. (M)
*Refresh*, McDougalls Catering Foods Ltd. (M)
*Refusak*, DRG Sacks (PM)
*Regal*, Brekkes Ltd. (M)
*Regal*, Elkes Biscuits Ltd. (M)
*Regal*, Griffith Laboratories (U.K.) Ltd. (C)
*Regalia*, Suchard Chocolate Ltd. (M)
*Regatta*, Graham, William, & Co. (London) Ltd. (C)
*Regiflo*, Canterbury Conveyors Ltd. (P)
*Regina*, Maxons Ltd. (M)
*Reigate*, White Stevenson Ltd. (C)
*Reko Finex*, Russell Finex Ltd. (P)
*Reliance*, Field, G. B., & Co. Ltd. (C)
*Reliance Easyfill*, Field, G. B., & Co. Ltd. (C)
*Rema*, Bartleet, Norman, Ltd. (P)
*Remogen*, Jeffreys, Miller & Co. Ltd. (C)
*Resindex*, Starch Products Ltd. (PM)
*Resinite*, Borden (U.K.) Ltd. (PM)
*Resinol*, Florasynth Ltd. (C)
*Resipol*, Haworth, F., (A.R.C.) Ltd. (P)
*Resisterma*, Poppe Rubber & Tyre Co. Ltd. (PM)
*Resistexa*, Poppe Rubber & Tyre Co. Ltd. (PM)
*Revels*, Mars Ltd. (M)
*Reward*, Rowntree Mackintosh Ltd. (M)
*Rex*, Corn Products (Sales) Ltd. (C)
*Rex-Lonesco*, London Essence Co. Ltd. (C)
*Rexoplast*, Erben, H., Ltd. (P)
*Reynard*, Anderson & Coltman Ltd. (C)
*Rheinhold*, Bosch, Robert, Packaging Machinery (U.K.) Ltd. (P)
*Rhodes*, Davison Bake-n-Serv (U.K.) Ltd (M)
*Ribbostrap*, Power, F. A. Ltd. (P)
*Ribena*, Beecham Foods (M)
*Rich Abernethy*, Rowntree Mackintosh Ltd. (M)
*Richmond*, Angel Truck Co. Ltd. (P)
*Richmond Castle*, Finbarr Foods Ltd. (M)
*Richmond*, Wall, T. & Sons (Meat & Handy Foods) Ltd. (M)
*Richmond Selection*, Needler's Ltd. (M)
*Rigidrum*, P.D. (Technical Mouldings) Ltd. (P)
*Rigidflex*, Mahaffy & Harder (U.K.) Ltd. (P)
*Rilec*, Rimer-Birlec Ltd. (P)
*Riley's*, Nuttall Riley Ltd. (M)
*Rilsan*, Whiffen & Sons Ltd. (PM)
*Rio*, Crimony Co. Ltd. (C)
*Rising Sun*, Bradshaw, E. B., & Sons (M)
*Rising Sun*, Cranfield Brothers Ltd. (M)
*Rissol Nut*, Granose Foods Ltd. (M)
*Rissols*, Mapleton's Foods Ltd. (M) (C)
*Ritabs*, Badex Ltd. (M) (C)
*Ritz*, Nabisco Ltd. (M)
*Rival*, Food Industries Ltd. (C)
*Rival*, Fryer & Co. (Nelson) Ltd. (M)
*Riverside-Pasture*, Homestead Produce Co. (L'pool) Ltd. (M)
*Riviera*, Clayton & Jowett Ltd. (C)
*Rivvaply*, Redmond, Phillip, & Sons Ltd. (PM)
*Roasties*, Maconochie Seafoods Ltd. (M)
*Robbicans*, Van Leer (U.K.) Ltd. (PM)
*Robco*, Robinson, B., & Co. Ltd. (P)
*Robinson's*, Colman Foods (M)
*Robirch*, Roberts & Birch Ltd. (M)
*Robot*, Weir, G. & J., Ltd. (P)
*Rob Roy*, British Fish Canners Ltd. (M)
*Rob Roy*, McGregor, Edward, Ltd. (M)
*Rocon*, Redler Conveyors Ltd. (P)
*Rodina*, Mischeff, Kiril, Ltd. (C)
*Rohwer*, Foodtech Ltd. (P)
*Rolacoder*, Mark-O-Print Ltd. (P)
*Rolaprinter*, Mark-O-Print Ltd. (P)
*Rolaveyor*, Collis Mechanical Handling Ltd. (P)

*Rollex Gold Label*, British Bakels Ltd. (C)
*Rollmaster*, Mark-O-Print Ltd. (P)
*Rolloff*, London Oil Medina Ltd. (C)
*Rolls*, Tudor Food Products (M)
*Rolo*, Rowntree Mackintosh Ltd. (M)
*Rolspeed*, Speedwork Labels Ltd. (P) (PM)
*Rondo*, Pelkman, John, Eng. Co. Ltd. (P)
*Rose*, Rose Forgrove Ltd. (P)
*Rose*, London Refiners Ltd. (C)
*Rosedowns*, Rose, Downs & Thompson Ltd. (P)
*Roselle*, Pritchitt, L. E., & Co. Ltd. (M)
*Roses*, Cadbury Ltd. (M)
*Rose's*, Schweppes Ltd. (M)
*Rosette*, FMC (Meat) Ltd., Poultry Division (M)
*Roseway*, Baker Perkins Ltd. (P)
*Rotaclean*, Rockwell Pneumatic Scale Ltd. (P)
*Rotan*, Banister Street Works Ltd. (P)
*Rotapac*, Rockwell Packaging Machines Ltd. (P)
*Rotary*, Chambon Ltd. (P)
*Rotaspray*, Carrier Eng. Co. Ltd. (P)
*Rotex*, Locker Industries Ltd. (P)
*Rotex*, Metal Box Co. Ltd. (PM)
*Rotex*, Simon-Hartley, Ltd. (P)
*Rotoplunge*, Neptune Measurement Ltd. (P
*Rotopump*, Lennox Foundry Co. Ltd. (P)
*Rotorack*, Cox Ovenbuilders Ltd. (P)
*Rotorex*, Rockwell Pneumatic Scale Ltd. (P)
*Rovac*, International Combustion Ltd. (P)
*Rovalless*, No-Val Engineering Co. Ltd. (P)
*Rowel*, Pelkman, John, Eng. Co. Ltd. (P)
*Roy*, Crimony Co. Ltd. (M)
*Royal*, Standard Brands Ltd. (M)
*Royal Cambridge*, Palethorpe's Ltd. (M)
*Royal Crown*, Mischeff, Kiril, Ltd. (C)
*Royal Melton*, Palethorpe's Ltd. (M)
*Royal Norfolk*, Anglia Canners Ltd. (M)
*Royal Oxford*, Palethorpe's Ltd. (M)
*Royals*, Maconochie Seafoods Ltd. (M)
*Royal Wilts*, Wiltshire Bacon Co. Ltd. (M)
*Razaw*, Amasal Ltd. (C)
*Rubex*, Haworth, F., (A.R.C.) Ltd. (P)
*Ruffle Bar*, Jamesons Chocolates Ltd. (M)
*Ruffles*, Jamesons Chocolates Ltd. (M)
*Ruskington*, Adams, Geo., & Sons (Ruskington) Ltd. (M)
*Ruskoon*, Atkinsons of Windermere (M)
*Rustlers*, Tudor Food Products (M)
*Ryax*, Ryaland Pumps Ltd. (P)
*Ryblock*, Ryaland Pumps Ltd. (P)
*Ryderette*, Essonia Ltd. (C)
*Rydry*, Ryaland Pumps Ltd. (P)
*Ryseb*, Ryaland Pumps Ltd. (P)
*Ryton*, Paperwork Holdings Ltd. (PM)
*Ryvac*, Ryaland Pumps Ltd. (P)
*Ryvin*, Ryaland Pumps Ltd. (P)

## S

*"S" Casing*, Viskase Ltd. (C)
*SB & M*, Behr, S., & Mathew Ltd. (C)
*S.C.*, Vokes Ltd. (P)
*S.M.C.*, Supreme Manufacturing Co. Ltd. (M)
*S.O. Sifter*, Kek Ltd. (P)
*SS-Rotan*, Banister Street Works Ltd. (P)
*STS*, Stewart Gill & Co. Ltd. (P)
*S.W.S.*, Mischeff, Kiril, Ltd. (C)
*Sabal*, Saunders Valve Co. Ltd. (P)
*Sable*, Crimony Co. Ltd. (M)
*Sacsealers*, Reed Medway Sacks Ltd. (P)
*Safari*, Harradine, J., & Sons Ltd. (C)
*Safelock*, Kennady, Allan, & Co. Ltd. (P)
*Safemix*, Meynell & Sons Ltd. (P)
*Safetread*, Kennedy, Allen, & Co. Ltd. (P)
*Safety Raiser*, Access Equipment Ltd. (P)
*Saffrotape*, Universal Tape Printing Co. Ltd. (PM)
*Saflame*, L.S.M. Controls Ltd. (P)
*Safpak*, Davis, Leon, & Co. Ltd. (PM)
*Safran*, Saunders Valve Co. Ltd. (P)
*Sagion*, RHM Ingredient Supplies Ltd. (C)
*St. Bernard*, Daniel, H. E., Ltd. (C)
*St. Ivel*, Unigate Ltd. (M)
*St. James*, Harradine, J., & Sons Ltd. (M) (C)
*St. Luke*, Lowe & Co., J., (Processed Foods) Ltd. (M)
*Saladin*, Craigmillar (C)
*Saloma*, London Oil Medina Ltd. (C)
*Salvex*, Butterfield Laboratories Ltd. (C)
*Samor*, Pickerings Foods Ltd. (M)
*Samson*, Jones, Samuel, & Co. Ltd. (PM)
*Sanatogen Tonic Wine*, Whiteways Cyder Co. Ltd. (C)
*Sandrocks*, Superslice Ltd. (M)
*Sapitaw*, Amasal Ltd. (C)
*Saran*, Dow Chemical Co. Ltd. (PM)
*Saran*, Viskase Ltd. (C)
*Sarco*, Spirax-Sarco Ltd. (P)
*Saroline*, Bush, Boake Allen Ltd. (C)
*Saromex*, Bush Boake Allen Ltd. (C)
*Saronseal*, Bush Boake Allen Ltd. (C)
*Sarsons*, British Vinegars Ltd. (M)
*Sasheen*, Minnesota Mining & Mfg. Co. Ltd. (PM)
*Satem*, Lloyds Cartons Ltd. (PM)
*Satin Lady*, Country Kitchen Foods Ltd. (M)
*Satisfryers*, Hall, David A. Ltd. (M)
*Satonair*, Heather Filters Ltd. (P)
*Sausax*, Rakusen, Lloyd, & Sons Ltd. (M) (C)
*Savex*, Bovril Food Ingredients (C)
*Saviand*, Granose Foods Ltd. (M)
*Savormix*, Mapleton's Foods Ltd. (M) (C)
*Savoy*, Sefcol (Sales) Ltd. (C)
*Saxa*, RHM Foods Ltd. (M)
*Saxofood*, Duffield, W. L., & Sons Ltd. (M)
*Saxon*, Banister Street Works Ltd. (P)
*Saxon*, Rickards, L. J., & Co. Ltd. (C)
*Schwank*, Harris Engineering Co. Ltd. (P)
*Scot*, Unigate Ltd. (M)
*Scotch*, 3M United Kingdom Ltd. (PM)
*Scotchoc*, Scott, R. & W., Ltd. (M)
*Scotchpak*, 3M United Kingdom Ltd. (PM)
*Scotchpar*, 3M United Kingdom Ltd. (PM)
*Scoteau*, Strathmore Springs Ltd. (M)
*Scotpak*, Scot Meat Products Ltd. (M)
*Scottish Pride*, Scottish Milk Marketing Board (M)
*Scott's*, RHM Foods Ltd. (M)
*Scruvac*, Metal Box Co. Ltd. (PM)
*Sea-Fro*, Turner, Ron, Ltd. (M)
*Sea King*, Lovell & Christmas Ltd. (M)
*Seal*, Merseyside Food Products Ltd. (M)
*Seal-Pak*, Star Container Products (PM)
*Seala*, Duckham, Alexander, & Co. Ltd. (PM)
*Sealarome*, Lofil Ltd. (C)
*Sealcraft*, Ivers, Lee, (G.B.) Ltd. (P)

*Seal-Easi,* Dickinson, John, & Co. Ltd. (PM)
*Sealex,* Rubber Latex Ltd. (PM)
*Seal-Less,* Gerrard Industries Ltd. (P) (PM)
*Sealite,* Robinson & Sons Ltd. (PM)
*Seal n' Peel,* Sharp Intermatic Ltd. (P)
*Sealomatic,* Ideal Capsules Ltd. (P)
*Sealpak,* Star Container Products (PM)
*Sealtite,* Ivers, Lee, (G.B.) Ltd. (P)
*Seaslic,* Florasynth Ltd. (C)
*Seaview,* Golden Produce Ltd. (M)
*Secar 250,* Lafarge Aluminous Cement Co. Ltd. (P)
*Seccotine,* McCaw, Stevenson & Orr Ltd. (PM)
*Seconair,* Biddle, F. H., Ltd. (P)
*Seconchiller,* Biddle, F. H., Ltd. (P)
*Securatape,* Smith & McLaurin Ltd. (PM)
*Securo Seals,* Metal Closures Ltd. (P) (PM)
*Seekure,* British Sisalkraft Ltd. (PM)
*Seelheet,* Tomlinsons (Rochdale) Ltd. (P)
*Sefcolchoc,* Sefcol (Sales). Ltd. (C)
*Sefcoljel,* Sefcol (Sales) Ltd. (C)
*Sefcolmac,* Sefcol (Sales) Ltd. (C)
*Sefcolset,* Sefcol (Sales) Ltd. (C)
*Seftex A/M,* Sefcol (Sales) Ltd. (C)
*Seitz,* Erben, H., Ltd. (P)
*Seka,* Kempner, S., Ltd. (P)
*Selecta Finex,* Russell Finex Ltd. (P)
*Select-O-Weigh,* Howe-Richardson Scale Co. Ltd. (P)
*Selesta,* Cavenham Confectionery Ltd. (M)
*Selex,* Procter & Gamble Ltd. (C)
*Sell,* RHM Ingredient Supplies Ltd. (P)
*Selva,* New Cheshire Salt Works Ltd. (M) (C)
*Selwa,* Cross Paperware Ltd. (PM)
*Seniors,* Shippam, C., Ltd. (M)
*Senning Hansa* Rockwell Packaging Machines Ltd. (P)
*Sensaire,* Taylor Instrument Companies (Europe) Ltd. (P)
*Sentry,* Biddle, F. H., Ltd. (P)
*Seproc,* Semmons, Taylor Co. (U.K.) Ltd. (C)
*Series M,* Kent Meters Ltd. (P)
*Serck Eftrol,* Serck Water Processing (P)
*Serolac,* Whey Products Ltd. (C)
*Servicemaid,* Grundy (Teddington) Ltd. (P)
*Seta,* Semmons, Taylor Co. (U.K.) Ltd. (C)
"*1767*", Terry, Joseph, & Sons Ltd. (M)
*Shackleton,* Stanhope Engineers (Bradford) Ltd. (P)
*Shaler,* Acme Conveyors & Construction Ltd. (P)
*Shanler,* Fischhoff, Israel S., Ltd. (C)
*Sharps,* Trebor Sharps Ltd. (M)
*Shearmix,* Lang London Ltd. (P)
*Sheerpak,* Dickinson, John, & Co. Ltd. (PM)
*Sheik,* Premier Pickle Co. Ltd. (M)
*Sherbo Flyers,* Maxilin Ltd. (M)
*Sherborne,* Wincanton Desco (P)
*Shloer,* Beecham Foods (M)
*Shoflo,* Neptune Measurement Ltd. (P)
*Shorland,* Conveyancer Fork Trucks Ltd. (P)
*Shorvo,* British Cellophane Ltd. (PM)
*Shreddies,* Nabisco Ltd. (M)
*Shropshire,* Palethorpe's Ltd. (M)
*Shugarwite,* DCA Industries Ltd. (C)
*Sichel,* CPC (United Kingdom) Ltd. (PM)
*Sideline Markocoder,* Mark-O-Print Ltd. (P)
*Siebler,* Ideal Packagings Ltd. (P)
*Sifta,* RHM Foods Ltd. (M)
*Silkit,* Craigmillar (C)
*Silktex,* U.K. Plastics Ltd. (PM)
*Silver Bounty,* Adams Butter Ltd. (M)
*Silver Cloud,* Craigmillar (C)
*Silver Seal,* Cranfield Brothers Ltd. (M)
*Silver Service,* McDougalls Catering Foods Ltd. (M)
*Silver Shred,* Robertson, James, & Sons Preserve Manufacturers Ltd. (M)
*Silver Spoon,* British Sugar Corporation Ltd. (M)
*Silver Stream,* Adams, Alfred, & Co. Ltd. (C)
*Silvia,* Dohler (U.K.) Ltd. (C)
*Simcar,* Simon-Hartley Ltd. (P)
*Simhart,* Simon-Hartley Ltd. (P)
*Simmer Packs,* Maconochie Seafoods Ltd. (M)
*Simmers,* Forbes Simmers Ltd. (M)
*Simplan,* Dexion Group of Companies (P)
*Simple Simon,* Pork Farms Ltd. (M)
*Simplex,* Gardner, John, & Son (P)
*Simplex,* Jacob, White & Co. Ltd. (P)
*Simplicita,* Fairest, Morgan, Ltd. (P)
*Sire,* Heap, Joseph, & Sons Ltd. (M)
*Sirius,* Holden & Brooke Ltd. (P)
*Sirocco,* Davidson & Co. Ltd. (P)
*Sisalation,* British Sisalkraft Ltd. (PM)
*Sisalkraft,* British Sisalkraft Ltd. (PM)
*Skateveyor,* Collis Mechanical Handling Ltd. (P)
*Skeycan,* Metal Box Co. Ltd. (PM)
*Ski,* Express Dairy Foods Ltd. (M)
*Ski-Wracker,* King, Geo. W., Ltd. (P)
*Skyhigh,* Craigmillar (C)
*Skyline,* Essonia Ltd. (C)
*Sky-Zone,* Coventry Climax Engines Ltd. (P)
*SlatVeyor,* Collis Mechanical Handling Ltd. (P)
*Slicex,* British Bakels Ltd. (C)
*Slideslat,* Douglas-Rownson Ltd. (P)
*Slik,* Holden & Brooke Ltd. (P)
*Slik,* Stace, Leonard, Ltd. (PM)
*Slim Easy,* Allison Ltd. (M)
*Slimcose,* Exley, A., & Sons Ltd. (M)
*Slimline,* Schweppes Ltd. (M)
*Slimms,* Rakusen, Lloyd, & Sons Ltd. (M) (C)
*Slimseal,* Serck Audco Valves, (P)
*Slotted Angle,* Metalrax Ltd. (P)
*Smarties,* Rowntree Mackintosh Ltd. (M)
*Smash,* Cadbury Typhoo Ltd. (M)
*Smith's Cheerio,* Smith, P., & Co. (Liverpool) Ltd. (M)
*Smokees,* Smiths Food Group (M)
*Snippy,* Strathmore Springs Ltd. (M)
*Snodex,* Albion Sugar Co. Ltd. (C)
*Sno-Roma,* Peerless Refining Co. (Liverpool) Ltd. (C)
*Snowball,* Goldwell Ltd. (M)
*Snowdrop,* Glover, Joseph, Ltd. (M)
*Snowflake,* Corn Products (Sales) Ltd. (C)
*Snowpak,* FMC (Meat) Ltd., Poultry Division (M)
*Snowpura,* Stevenson, Hugh, & Sons Ltd. (PM)
*Society,* Kent Co-operative Society Ltd. (M)
*Soflor,* Polak's Frutal Works Ltd. (C)
*Softex,* Sefcol (Sales) Co. Ltd. (C)
*Solfruit,* Daniel, H. E., Ltd. (C)
*Solidacol,* Butterfield Laboratories Ltd. (C)
*Solit,* British Fermentation Products Ltd. (C)

*Sollich*, Hansel, Otto, Machinery Ltd. (P)
*Solo*, Bennett Opie Ltd. (M)
*Solray*, Carrs Flour Mills Ltd. (M)
*Solum*, RHM Ingredient Supplies Ltd. (C)
*Solus*, Soya Foods Ltd. (C)
*Somer Valley*, Somerwest Ltd. (M)
*Something Special*, Cadbury Ltd. (M)
*Sonet*, British Soya Products Ltd. (C)
*Sorak*, Liverpool Rusk Co. Ltd. (C)
*Sorbester*, Laporte Industries Ltd. (C)
*Sorbex*, British Bakels Ltd. (C)
*Sorbistat*, Pfizer Ltd. (C)
*Sortex*, Gunson's Sortex Ltd. (P)
*Sound*, Albany Meat Products Ltd. (M)
*Soup Nuts*, Vesop Products Ltd. (C)
*Soupa*, Springlow Sales Ltd. (C)
*Southdale*, Spear Bros. & Clark Ltd. (M)
*Southern Beauty*, Mischeff, Kiril, Ltd. (C)
*Sovereign*, Crompton Parkinson Ltd. (P)
*Soyex*, Soya Foods Ltd. (C)
*Soygold*, Soya Foods Ltd. (C)
*Soyolk*, Soya Foods Ltd. (C)
*Soyolk*, Spillers Ltd. (M)
*Soypreme*, Soya Foods Ltd. (C)
*Spam*, Blue Cap (Foods) Ltd. (M)
*Spam*, Lovell & Christmas Ltd. (M)
*Span*, Honeywill-Atlas Ltd. (C)
*Spangles*, Mars Ltd. (M)
*Sparklewrap*, Grace, W. R. Ltd. (PM)
*Sparkling Pommetta*, Gaymer, William, & Son Ltd. (M)
*Sparkling Suncrush*, Park Bottling Co. Ltd. (M)
*Spartan*, Terry, Joseph, & Sons Ltd. (M)
*Spason*, Invicta Sheet Metal Co. Ltd. (P)
*Special Cellar*, Bulmer, H. P., Ltd. (M)
*Speedac*, Howe Richardson Scale Co. Ltd. (P)
*Speed-Act*, Taylor Instrument Companies (Europe) Ltd. (P)
*Speedaire*, Grundy (Teddington) Ltd. (P)
*Speedee*, British Arkady Co. Ltd. (C)
*Speedfast*, Gordian Strapping Ltd. (P)
*Speedfix*, Industrial Tapes Ltd. (M)
*Speedflow*, Gosheron, John, & Co. Ltd. (P)
*Speedframe*, Dexion Ltd. (P)
*Speedfry*, Grundy (Teddington) Ltd. (P)
*Speedlock*, Dexion Ltd. (P)
*Spelga*, Milk Marketing Board for Northern Ireland (M)
*Spicel*, Lofil Ltd. (C)
*Spicemax*, Spicemanns Ltd. (C)
*Spiraflo*, HTI Engineering (P)
*Spiral*, British Arkady Co. Ltd. (C)
*Spire*, Rowallan Creamery Ltd. (M)
*Splitpak*, Metal Box Co. Ltd. (PM)
*Spray-lok*, National Adhesives & Resins Ltd. (PM)
*Spraymix*, Gardners of Gloucester (P)
*Sprayon*, Pelkman, John, Eng. Co. (P)
*Spread'n'Fill*, Bibby, J., & Sons Ltd. (M)
*Spregg*, Croda Processed Eggs Ltd. (C)
*Springbok*, Albright & Wilson Ltd., Oldbury Division (C)
*Spring Clear Lemonade*, Robertson, A., & Co. Ltd. (M)
*Spring Cold Cola*, Robertson, A., & Co. Ltd. (M)
*Spring Fresh Orange*, Robertson, A., & Co. Ltd. (M)
*Spring Vale*, Pasta Foods Ltd. (M)
*Sprinkon*, Brooks, R., & Co. (C)
*Sprinter*, Mardon Son & Hall Ltd. (PM)
*Sprog*, Powell & Co. (P)
*Spry*, Van Den Berghs (M)
*Spynflex*, National Adhesives & Resins Ltd. (PM)
*Spysol*, RHM Ingredient Supplies Ltd. (C)
*Stabak*, Stace, Leonard, Ltd. (PM)
*Stabilflo*, Foxboro-Yoxall Ltd. (P)
*Stabilice*, Cumming, Alfred P., Ltd. (M) (C)
*Stabiload*, Foxboro-Yoxall Ltd. (P)
*Stabilo-en*, Bakery & Confectionery Products Ltd. (C)
*Stabilog*, Foxboro-Yoxall Ltd. (P)
*Stacatruc*, Clark Equipment Ltd. (P)
*Stacket*, Brimpex Eccles Co. Ltd. (P)
*Stacktrie*, Selo-Bollans Ltd. (P)
*Stadex*, Starch Products Ltd. (PM)
*Stag*, RHM Foods Ltd. (M)
*Sta-lox*, Pembroke Packaging Ltd. (PM)
*Stanbran*, Standard Brands Ltd. (M)
*Stand*, Russell Constructions Ltd. (P)
*Standacol*, Williams (Hounslow) Ltd. (C)
*Standard Knapp*, Emhart (U.K.) Ltd. (P)
*Standfast*, Boxfoldia Ltd. (PM)
*Stansoy*, British Soya Products Ltd. (C)
*Stanweld*, Kennedy, Allan, & Co. Ltd. (P)
*Stanwin*, Stanhope Engineers (Bradford) Ltd. (P)
*Star*, Greco's Biscuits Ltd. (M)
*Starcel*, British Bakels Ltd. (C)
*Starflood*, Crompton Parkinson Ltd. (P)
*Star-Kist*, Pickerings Foods Ltd. (M)
*Starlet*, Greco's Biscuits Ltd. (M)
*Starlight*, British Bakels Ltd. (C)
*Star Mac*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Starmallow*, Goldrei, Ch., Foucard & Son Ltd. (C)
*Star-Pak*, Star Container Products (PM)
*Star Range*, Crompton Parkinson Ltd. (P)
*Starspray*, London Oil Medina Ltd. (C)
*Star Strap*, Bridon Fibres & Plastics Ltd. (P)
*Starvation*, Permutit-Boby Ltd. (P)
*Stay-Rite*, Morning Foods Ltd. (M) (C)
*Staybrite*, Smith & McLauren Ltd. (PM)
*Steambloc*, B.D.P. Group (P)
*Steelpac*, South Wales Patent Metal Box Co Ltd. (PM)
*Stelcalloy*, Stockdale Engineering Ltd. (P)
*Stelco*, Stockdale Engineering Ltd. (P)
*Stellar*, Paterson Engineering Co. Ltd. (P)
*Stellar*, Stella-Meta Filters Ltd. (P)
*Stephens*, British Vinegars Ltd. (M)
*Steralac*, Holden, Arthur & Sons Ltd. (PM)
*Sterahpak*, Star Container Products. (PM)
*Steristeel*, Associated Metal Works Glasgow Ltd. (P)
*Sterling*, Ross Poultry Ltd. (M)
*Stevanazzi*, Steetley Co. Ltd. (P)
*Stickimalt*, Edme Ltd. (C)
*Stick-N-Lift*, Norprint Ltd. (P)
*Stickpak*, Baker Perkins Ltd. (P)
*Stikitape*, Clement & Foster Ltd. (PM)
*Stillade*, Strathmore Springs Ltd. (M)
*Stir*, RHM Foods Ltd. (M)
*Stoke Vale*, Horrell, & Son Ltd. (M)
*Stone-Vapor*, Stone-Platt Crawley Ltd. (P)
*Stork*, Van Den Berghs (M)
*Stor-trak*, Paterson Hughes Eng. Co. Ltd. (P)
*Strapson*, Invicta Sheet Metal Co. Ltd. (P)
*Stratavap*, Balfour, Henry, & Co. Ltd. (P)

*Streamline,* Baker Perkins Ltd. (P)
*Streamliner,* Vanmar Products Ltd. (P)
*Stress,* Sturge, John & E., Ltd. (C)
*Stretch-pak,* Tillotsons (Liverpool) Ltd. (P) (PM)
*Stridh,* Selo-Bollans Ltd. (P)
*Strike Cola,* Barr, A. G., & Co. Ltd. (M)
*Stripeys,* Meredith & Drew Ltd. (M)
*Strongbow Old Vat House Cider,* Bulmer, H.P., Ltd. (M)
*Strunck,* Bosch, Robert, Packaging Machinery (U.K.) Ltd. (P)
*Stuphin,* Bremith Foods Ltd. (M)
*Sturcal,* Sturge, John & E., Ltd. (C)
*Styrafoil,* British Cellophane Ltd. (PM)
*Sucoa,* Loders & Nucoline Ltd. (C)
*Sucreme,* Supreme Manufacturing Co. Ltd. (M)
*Sucroma,* Mayer, H., Senior Ltd. (C)
*Suenut,* Mapletons Foods Ltd. (M) (C)
*S.U.F.,* Smith & Partners Ltd. (P)
*Suffolk Sovereign,* Pollastra Packers Ltd. (M)
*Sugar Puffs,* Quaker Oats Ltd. (M)
*Sulfan,* Daniel, H. E., Ltd. (C)
*Sulfatine,* Holden, Arthur, & Sons Ltd. (PM)
*Summer County,* Van Den Berghs (M)
*Sum-Pep,* Food Industries Ltd. (C)
*Sunbeam,* Heap, Joseph, & Sons Ltd. (C)
*Sunblest,* Associated British Foods Ltd., and associated companies (M)
*Sunbow,* Lofil Ltd. (C)
*Sunbrite,* Rowallan Creamery Ltd. (M)
*Suncel,* Hay, William, & Sons (Aberdeen) Ltd. (M)
*Sun Charm,* Shaw, Benjamin, & Sons Ltd. (M)
*Suncose,* Exley, A., & Sons Ltd. (M)
*Suncroft,* Food Industries Ltd. (C)
*Suncrush,* Schweppes Ltd. (M)
*Suncrust,* Falkirk & District United Co-operative Society Ltd. (M)
*Suncup,* Procter & Gamble Ltd. (C)
*Sundale,* Strathmore Springs Ltd. (M)
*Sundora,* Landpak Ltd. (M)
*Sundora,* Landauer & Co. (Produce) Ltd. (C)
*Sunds Pakmaster,* Rockwell Packaging Machines Ltd. (P)
*Sunecta,* Jones, R. L., & Co. Ltd. (M)
*Sunfed,* Clover Dairies Ltd. (M)
*Sunfield,* Love, N. B., Starches Pty. Ltd. (C)
*Sunfield,* Food Industries Ltd. (C)
*Sunfresh,* Downward Qualtrough Ltd. (M)
*Sunfresh,* Seven-Up Bottling Co. (London) Ltd. (M)
*Sunjoy,* Strathmore Springs Ltd. (M)
*Sunjuice,* Cantrell & Cochrane (Southern) Ltd. (M)
*Sunlady,* Plummer, T. J. (M)
*Sunnybisk,* Granose Foods Ltd. (M)
*Sunny Orchard,* Pensan Jams Ltd. (M)
*Sunnyside,* Anderson & Coltman Ltd. (C)
*Sun-Pat,* Rowntree Mackintosh Ltd. (M)
*Sun Pedro,* Smith, P., & Co. (Liverpool) Ltd. (M)
*Sunrich,* Orange Crush Co. (London) Ltd. (M)
*Sunshine,* Groom, H. L., & Son Ltd. (M)
*Sunshine,* Matthes Ltd. (M)
*Sunspel,* Carter's Gold Medal Soft Drinks Ltd. (M)
*Sunspot,* Pickerings Foods Ltd. (M)
*Sunspring,* Crystal Spring Ltd. (M)
*Sunswept,* Rayner & Co. Ltd. (C)
*Sun-tang,* Barnett & Foster (M)
*Supado,* Badex Ltd. (M) (C)
*Supaqua,* Danks of Netherton Ltd. (P)
*Supara,* Bush Boake Allen Ltd. (C)
*Supasoy,* Soya Foods Ltd. (M) (C)
*Supaversal,* Neumo Ltd. (P)
*Super Benesto,* WCB Containers Ltd. (P)
*Superbase,* Florasynth Ltd. (C)
*Superchef,* Waldens Wiltshire Foods Ltd. (M)
*Super Cleantrack,* Stewart Gill & Co. Ltd. (P)
*Supercoa,* Loders & Nucoline Ltd. (C)
*Supercol,* Tragasol Products Ltd. (C)
*Superfine,* Kraft Foods Ltd. (M)
*Super Finex,* Russell Finex Ltd. (P)
*Superflo,* Baker Perkins Ltd. (P)
*Super Forty-Two,* Rose Forgrove Ltd. (P)
*Superia,* Graham, William, & Co. (London) Ltd. (C)
*Superkek,* Kek Ltd. (P)
*Superla,* Hunter, John A., & Co. Ltd. (M)
*Super Multiseal,* Ideal Capsules Ltd. (P)
*Superplas,* WCB Containers Ltd. (P)
*Superseal,* Kleen-e-ze Ltd.
*Superseal,* Ideal Capsules Ltd. (P)
*Super-Speedy,* Hill & Dolman (Engs.) Ltd. (P)
*Superspun,* London Oil Medina Ltd. (C)
*Supertex,* Baker Perkins Ltd. (P)
*Supertronic,* Lancer Boss Ltd. (P)
*Super Vencrust,* British Arkady Co. Ltd. (C)
*Super Veritex,* British Bakels Ltd. (C)
*Superweigh,* Wallace & Tiernan Ltd. (P)
*Suprawhite,* Garnett, P., & Son Ltd. (PM)
*Supream,* Malgavita Ltd. (M)
*Supremanco,* Supreme Manufacturing Co. Ltd. (M)
*Supreme,* Gardner, John, & Son (P)
*Sureflow,* Mahaffy & Harder (U.K.) Ltd. (P)
*Surelok,* Emco Wheaton U.K. Ltd. (P)
*Surfaceline,* Crompton Parkinson Ltd. (P)
*Surfiner,* Jahn, F., & Co. Ltd. (P)
*Surprise,* Batchelors Foods Ltd. (M)
*Sutax,* Metal Box Co. Ltd. (PM)
*Sutherlands,* Quaker Oats Ltd. (M)
*Svelte,* Gomersall's Magpie Minerals Ltd. (M)
*Swan,* Angel Truck Co. Ltd. (P)
*Swan,* Palmer, W. A., & Sons (M)
*Sweet Alice,* Atkinsons of Windermere (M)
*Sweetex,* Procter & Gamble Ltd. (C)
*Sweetex,* Sugar Products Co. (C)
*Sweetheart,* Nestlé Co. Ltd. (M)
*Sweetose,* Tunnel Refineries Ltd. (C)
*Sweet Sue,* Thomas & Jones (Tejay) Ltd. (C)
*Swenson,* Wellman Incandescent Ltd. (P)
*Swift,* Herbert & Sons Ltd. (P)
*Swiftline,* Bennett Swiftline Ltd. (P)
*Swingtime,* Crystallized Confections (Tip Top) Ltd. (M)
*Swish,* Merseyside Food Products Ltd. (M)
*Swisspac,* Sapal Ltd. (P)
*Swissvac,* Smith & Nephew Plastics Ltd. (PM)
*Swizzels,* Matlow Bros. Ltd. (M)
*Symbol,* Lyons Bakery Ltd. (M)
*Syncage,* Mawdsley's Ltd (P)
*Synchro-Print,* Fords (Finsbury) Ltd. (P)

*Syntharome*, Florasynth Ltd. (C)
*Synthene*, Smith & Nephew Plastics Ltd. (PM)
*Syplex*, Stewart, Wm., & Arnold Ltd. (C)

## T

*T.V.P.*, British Arkady Co. Ltd. (C)
*T.V. Time*, Matlow Bros. Ltd. (M)
*Tabasco*, Beechams Foods. (M)
*Tagcraft*, Norprint Ltd. (P)
*Tags*, Tudor Foods Products (M)
*Tallescope*, Access Equipment Ltd. (P)
*Talon*, Sessions, William, Ltd. (PM)
*Tandrum*, Tanks & Drums Ltd. (PM)
*Tango*, Corona Soft Drinks (M)
*Tanjentic*, Vanmar Products Ltd. (P)
*Taralouva*, Torring & Stockwell Ltd. (M)
*Tari*, Agricultural & Chemical Products Ltd. (C)
*Tarrab*, Barratt & Co. Ltd. (M)
*Tartan*, Britton, B. & A. Ltd. (M)
*Tartan*, Craigmillar (C)
*Tartex*, Mapleton's Foods Ltd. (C)
*Tart-o-Jela*, Scottish Flavour & Colour Co. Ltd. (C)
*Tasc Unit*, Pye Electric Ltd. (P)
*Taystee*, British Arkady Co. Ltd. (C)
*Tea Time*, Nabisco Ltd. (M)
*Teepol*, Shell Chemical Co. Ltd. (C)
*Tejay*, Thomas & Jones (Tejay) Ltd. (M) (C)
*Tektor*, Fielden Electronics Ltd. (P)
*Telcon-Koruma*, Telcon-Process (P)
*Tele-Sonic*, Baker Perkins Ltd. (P)
*Telicator*, Bailey, Sir W. H., Ltd. (P)
*Telstor*, Fielden Electronics Ltd. (P)
*Temmil*, Thames Rice Milling Co. Ltd. (C)
*Temperflow*, Baker Perkins Ltd. (P)
*Tempermatic*, Baker Perkins Ltd. (P)
*Temple*, Heap, Joseph & Sons Ltd. (M) (C)
*Templex*, Baker Perkins Ltd. (P)
*Tendyne*, British Arkady Co. Ltd. (C)
*Terphane*. British Cellophane Ltd. (PM)
*Tetrarome*, Firmenich & Co. (C)
*Texgrip*, Norprint Ltd. (P)
*Texobond*, Brand Packaging Ltd. (PM)
*Texofilm*, Brand Packaging Ltd. (PM)
*Texofoil*, Brand Packaging Ltd. (PM)
*Texoglos*, Brand Packaging Ltd. (PM)
*Texolux*, Brand Packaging Ltd. (PM)
*Texoseal*, Brand Packaging Ltd. (PM)
*The Rolaveyor*, Collis, J., & Sons Ltd. (P)
*The Violet*, Anderson & Coltman Ltd. (C)
*Thermafix*, Speedwork Labels Ltd. (PM)
*Thermofoil*, Dickinson, John, & Co. Ltd. (PM)
*Thermogrip*, Bostik Ltd. (PM)
*Thermospeed*, Taylor Instrument Companies (Europe) Ltd. (P)
*Thermostik*, Smith & McLaurin Ltd. (PM)
*Thistle*, Vale Board Mills Ltd. (PM)
*Thor*, Anderson & Coltman Ltd. (C)
*Thornvision*, Thorn Electronics Ltd. (P)
*Three Bells*, Jus-Rol Ltd. (M)
*Three Leaf*, Gunstone, Wm., & Sons Ltd. (M)
*Three Pig*, Morrell, John, & Co. Ltd. (C)
*Throne*, Anderson & Coltman Ltd. (C)
*Thurbo*, Thurgar Bolle (Successors Ltd. (PM)
*Tiara*, Anderson & Coltman Ltd. (C)
*Tickoply*, Norprint Ltd. (P)
*Tickopres*, Norprint Ltd. (P)
*Tickotabs*, Gosheron, John, & Co. Ltd. (P) (PM)
*Tiger*, Associated British Foods Ltd. (M)
*Tincol*, British Bakels Ltd. (C)
*Tinglide*, British Bakels Ltd. (C)
*Tinties*, Southwell, Charles & Co. Ltd.(M)
*Tip Top*, Crystallized Confections (M)
*Tiptree*, Wilkin & Sons Ltd. (M)
*Tisal*, British Fondants Ltd. (C)
*Titan Glass*, U. G. Glass Containers Ltd. (PM)
*Tithe Farm*, Brooks, R., & Co. (C)
*Tizer*, Barr, A. J., & Co. Ltd. (M)
*Toasties*, Sun D'Or Ltd. (M)
*Tobler*, Chocolat Tobler Meltis Ltd. (M)
*Toblerone*, Chocolat Tobler Meltis Ltd. (M)
*Tocan*, Graham, William, & Co. (London) Ltd. (C)
*Toffee Rex*, Lovell, G. F., & Co. Ltd. (M)
*Toffetto*, Payne, George, & Co. Ltd. (M) (C)
*Toffo*, Rowntree Mackintosh Ltd. (M)
*Tofymints*, Stewart, H. W., Ltd. (M)
*Tom Caxton*, Colman Foods (M)
*Tomor*, Van Den Berghs (M)
*Tong-Test*, Crompton Parkinson Ltd. (P)
*Tonnaer*, Selo-Bollans Ltd. (P)
*Tooty Frooties*, Rowntree Mackintosh Ltd. (M)
*Top Choice*, Montgomery, Daniel & Son Ltd. (PM)
*Topcorn*, Tudor Food Products (M)
*Top Deck*, Beecham Foods (M)
*Top Diet*, Associated British Foods Ltd. (M)
*Topic*, Mars Ltd. (M)
*Top-o-Matic*, Boxfoldia Ltd. (PM)
*Top Pack*, Thyne, William, Ltd. (PM)
*Top Pops*, Stratford upon Avon Mineral Water Co. Ltd. (M)
*Topanol*, Imperial Chemical Industries (C)
*Topsail*, British Fermentation Products (C)
*Top Ten*, Carter's Gold Medal Soft Drinks Ltd. (M)
*Toptainer*, Taylowe Ltd. (PM)
*Torquel*, Lansing Bagnall Ltd. (P)
*Torrent*, Kent, George, Ltd. (P)
*Tosca*, British Bakels Ltd. (C)
*Totesystem*, Alcoa Container Systems (G.B.) Ltd. (P)
*Totometer*, Pitney-Bowes Ltd. (P)
*Touch-Tape*, Abbott's Packaging Ltd. (PM)
*Tower*, Dunhills (Pontefract) Ltd. (M)
*Tower*, Read Woodrow Ltd. (M)
*Town Crier*, Gaymer, William, & Son Ltd. (M)
*Tragon*, Tragasol Products Ltd. (C)
*Transaire*, Taylor Instrument Companies (Europe) Ltd. (P)
*Transcope*, Taylor Instrument Companies (Europe) Ltd. (P)
*Transfil*, Transmatic Fyllan Ltd. (P)
*Transilon*, Stephens Miraclo Belts Ltd. (P)
*Transitank*, P. D. (Technical Mouldings) Ltd. (P)
*Transoband*, Gosheron, John, & Co. Ltd. (PM)
*Transoprint*, Gosheron, John, & Co. Ltd. (P) (PM)

*Transotape*, Gosheron, John, & Co. Ltd. (P) (PM)
*Transovil*, Gosheron, John, & Co. Ltd. (PM)
*Transveyor*, Collis Mechanical Handling Ltd. (P)
*Transwrap*, Rose Forgrove Ltd. (P)
*Treets*, Mars Ltd. (M)
*Trex*, Bibby, J., & Sons Ltd. (M)
*Triclamp*, WCB Containers Ltd. (P)
*Trident*, Johnson & Jorgensen Ltd. (PM)
*Trim*, Strathmore Springs Ltd. (M)
*Tri-Mac*, Rockwell Pneumatic Scale Ltd. (P)
*Trinasco*, Briggs Amasco (P)
*Trio*, Pelkman, John, Eng. Co. Ltd. (P)
*Triofreeze*, Frigoscandia Contracting Ltd. (P)
*Trion*, Harris Engineering Co. Ltd. (P)
*Triple Vintage*, Coates Gaymers Ltd. (M)
*Tripolam*, Metal Box Co. Ltd. (PM)
*Tri-Sure*, Van Leer (U.K.) Ltd. (PM)
*Triton*, Wheatley & Co. Ltd. (P)
*Triumph*, Baker Perkins Ltd. (P)
*Triumph*, Mulco Products (P)
*Tri-Wall Pak*, West, W. K., Ltd. (PM)
*Trix SL*, Dohler (U.K.) Ltd. (C)
*Trog*, Powell & Co. (P)
*Tropic*, Cox Ovenbuilders Ltd. (P)
*Trucloud*, Naarden (London) Ltd. (C)
*Trudex*, Ten Star Products Ltd. (C)
*Trueflame*, Crompton Parkinson Ltd. (P)
*Trufood*, Unigate Ltd. (M)
*Trumps*, Swift & Co. Ltd. (M)
*Tru-Sil*, Bush Boake Allen Ltd. (C)
*Trusort*, Douglas-Rownson Ltd. (P)
*Trusoy*, British Soya Products Ltd. (C)
*Trustak*, Douglas-Rownson Ltd. (P)
*Trutype*, Bush Boake Allen Ltd. (C)
*Trycite*, Dow Chemical Co. Ltd. (PM)
*Tryton Inn*, Jackson, William, & Son Ltd. (M)
*Tubekda*, Mark-o-Print Ltd. (P)
*Tudor*, Manor Vinegar Brewery Co. Ltd. (M)
*Tudor Dairies*, Ross Foods Ltd. (M)
*Tufite*, Locker Industries Ltd. (P)
*Tufskin*, Adams, Alfred, & Co. Ltd. (PM)
*Tufstrap*, Payne, P. P. Ltd. (PM)
*Tuftex*, Locker Industries Ltd. (P)
*Tukframe*, Taylowe Ltd. (PM)
*Tunbridge Wells*, Romary, A., & Co. Ltd. (M)
*Tunes*, Mars Ltd. (M)
*Tup*, Crimony Co. Ltd. (M) (C)
*Turblex*, Tomlinsons (Rochdale) Ltd. (P)
*Turbo Finex*, Russell Finex Ltd. (P)
*Turboflow*, Baker, Perkins Ltd. (P)
*Turbogas*, Baker Perkins Ltd. (P)
*Turbomaster*, York Division of Borg-Warner Ltd. (P)
*Turbo-Multiblastic*, Tomlinsons (Rochdale) Ltd. (P)
*Turbopak*, York Division of Borg-Warner Ltd. (P)
*Turborack*, Baker Perkins Ltd. (P)
*Turboradiant*, Baker Perkins Ltd. (P)
*Turbo-Simplex*, Tomlinsons (Rochdale) (P)
*Turog*, Spillers Ltd. (M)
*Turrett*, Barker, R. C., Ltd. (M)
*Tween*, Honeywill-Atlas Ltd. (C)
*Twicer*, Pendleton, William, & Sons Ltd. (M)
*Twinlink*, Food Industries Ltd. (C)
*Twinsel*, Brand Packaging Ltd. (PM)
*Twinstick*, Evode Ltd. (PM)
*Twinstream*, Rose Forgrove Ltd. (P)
*Twist-Off*, Whitecap International Ltd. (PM)
*Twix*, Mars Ltd. (M)
*Twix*, Peerless Refining Co. (Liverpool) Ltd. (C)
*Two Islands*, Adams Butter Ltd. (M)
*Tycord*, Pakord Ltd. (C)
*Tyne Brand*, Spillers Ltd. (M)
*Typhoo*, Cadbury Typhoo Ltd. (M)
*Typhoon*, Dust Control Equipment Ltd. (P)
*Tytape*, Pakord Ltd. (C)

## U

*U.T.P.*, Universal Tape Printing Co. Ltd. (PM)
*Udec*, U.D. Engineering Co. Ltd. (P)
*Ultimat*, Portable Balers Ltd. (P)
*Ultraclean*, Rockwell Pneumatic Scale Ltd. (P)
*Ultrafilter*, Luwa (U.K.) Ltd. (P)
*Unbar*, Underwood & Baker Ltd. (C) (M)
*Uncle Bens Rice*, Dornay Foods (M)
*Uncle Joe's Mint Balls*, Santus, William, & Co. Ltd. (M)
*Unecol*, Distillers Co. Ltd. (Yeast & Food Division) (M)
*Unecol*, United Yeast Co. Ltd. (C)
*Unibake*, Bowater Industrial Packaging Ltd. Foil & Paper Products Division (PM)
*Unibowls*, Bowater Industrial Packaging Ltd. Foil & Paper Products Division (PM)
*Unicapper*, Rockwell Pneumatic Scale Ltd. (P)
*Uniclip*, Carrington Packaging Ltd. (P)
*Unicloud*, Naarden (London) Ltd. (C)
*Unifix*, Crompton Parkinson Ltd. (P)
*Uniflow*, Baker Perkins Ltd. (P)
*Uniflow*, Biddle, F. H., Ltd. (P)
*Unifoam*, Springlow Sales Ltd. (C)
*Unilink*, Food Industries Ltd. (C)
*Unilite*, Union Glue & Gelatine Co. Ltd. (PM)
*Uni-Loader*, Russell Finex Ltd. (P)
*Unimag*, Industrial Magnets Ltd. (P)
*Unimaster*, Dust Control Equipment Ltd. (P)
*Union*, Cyril Hurvitz (U.K.) Ltd. (C)
*Union Jack*, Garton Sons & Co. Ltd. (C)
*Uniplates*, Bowater Industrial Packaging Ltd. Foil & Paper Products Division (PM)
*Unipulse*, Neptune Measurement Ltd. (P)
*Unique*, Baker Perkins Ltd. (P)
*United*, Distillers Co. Ltd. (Yeast & Food Division) (M)
*Unitrays*, Bowater Industrial Packaging Ltd. Foil & Paper Products Division (PM)
*Unity*, Taylor, C. F., (Unity Designs) Ltd. (P)
*Universal*, Bancroft Fillers & Appliances Ltd. (P)
*Universal*, Coventry Climax Engines Ltd. (P)
*Universal*, Smith, G. A., (Desborough) Ltd. (P)
*Universal*, Hunter, G., (London) Ltd. (P)
*Universeal*, Ideal Capsules Ltd. (P)

*Univert*, Cumming, Alfred P., Ltd. (M) (C)
*Uniwrap*, Baker Perkins Ltd. (P)
*Usacert*, Williams (Hounslow) Ltd. (C)
*Usalakes*, Williams (Hounslow) Ltd. (C)
*Utilex*, Briess & Co. Ltd. (C)

## V

*V-8*, Campbell's Soups, Ltd. (M)
*Vacseal*, International Combustion Ltd. (P)
*Vactell*, Food Industries Ltd. (C)
*Vac-U-Cooler*, Mojonnier Bros. Co. (P)
*Vacuflow*, Rockwell Pneumatic Scale Ltd. (P)
*Vacustat*, Edwards Vacuum Components (P)
*Vacuumation*, BVC Ltd. (P)
*Valecote*, Vale Board Mills Ltd. (PM)
*Valethene*, Van Leer (U.K.) Ltd. (PM)
*Valiant*, Allmey & Layfield Ltd. (C)
*Valley Farms*, McCain International Ltd. (M)
*Valox*, Fuji Foods Corp. (C)
*Valvactor*, Foxboro-Yoxall Ltd. (P)
*Van-B-Ness*, Harrison, T., & Co. Ltd. (C)
*Vanillex*, Supreme Manufacturing Co. Ltd. (M)
*Vanobean*, Supreme Manufacturing Co. Ltd. (M)
*Vaporax*, B.D.P. Group (P)
*Vari Finex*, Russell Finex Ltd. (P)
*Vari-Loader*, Russell Finex Ltd. (P)
*Varison*, Lock, A. M., & Co. Ltd. (P)
*Varsity*, Smith, H. (Purito Products) (M)
*Vastex*, Vasmers Ltd. (C)
*Vebol*, Craigmillar (C)
*Vebol*, Loders & Nucoline Ltd. (C)
*Vectair*, Biddle, F. H., Ltd. (P)
*Vee-Ball*, G.E.C.-Elliott Control Valves Ltd. (P)
*Vegamine*, Griffith Laboratories (U.K.) Ltd. (C)
*Vegex*, Food Industries Ltd. (C)
*Velcrum*, Badex Ltd. (C)
*Velda*, Rowallan Creamery Ltd. (M)
*Velma*, Suchard Chocolate Ltd. (M)
*Velocitron*, Rockwell Pneumatic Scale Ltd. (P)
*Veltol*, Pfizer Ltd. (C)
*Veltol-Plus*, Pfizer Ltd. (C)
*Velveeta*, Kraft Foods Ltd. (M)
*Velvet*, Merseyside Food Products Ltd. (M)
*Velvet Gold*, Merseyside Food Products Ltd. (M)
*Velvice*, Allmey & Layfield Ltd. (C)
*Vemag*, Foodtech Ltd. (P)
*Vencatachellum*, Sharwood, J. A., & Co. Ltd. (M)
*Ventoplas*, Seebright Ventoplas Ltd. (PM)
*Venture*, Smiths Industries Ltd. (P)
*Venus*, Craigmillar (C)
*Venus*, Greco's Biscuits Ltd. (M)
*Veribest*, Deltec Foods Ltd. (C)
*Veritas*, Florasynth Ltd. (C)
*Vertiflow*, Rose Forgrove Ltd. (P)
*Vertiveyor*, Collis Mechanical Handling Ltd. (P)
*Vertolifter*, Powell & Co. (P)
*Vertotipper*, Powell & Co. (P)
*Vesta*, Batchelor Foods Ltd. (M)
*Vibra-Pac*, Greer, J. W., Co. Ltd. (P)
*Vibrawhirl*, Greer, J. W., Co. Ltd. (P)
*Vibro*, Podmores (Engineers) Ltd. (P)
*Viclan*, Imperial Chemical Industries Ltd. (PM)
*Victory*, Fryer & Co. (Nelson) Ltd. (M)
*Vidor*, Crompton Parkinson Ltd. (P)
*Viennara*, Baker Perkins Ltd. (P)
*Vigol*, Spillers Ltd. (M)
*Vimec*, Locker Industries Ltd. (P)
*Vimede*, Wimbush, A. D., & Son Ltd. (M)
*Vimto*, Nichols, J. N., (Vimto) Ltd. (M)
*Vinkar*, Edmondson & Co. Ltd. (M)
*Vinophane*, British Cellophane Ltd. (PM)
*Vinross*, Ross, James & Son (Newcastle) Ltd. (M)
*Vintage*, Cooper, Frank, Ltd. (M)
*Virol*, Bovril Ltd. (M)
*Viskap*, Viscose Group Ltd. (PM)
*Visking*, Viskase Ltd. (C)
*Viskproof*, Viscose Group Ltd. (PM)
*Viskring*, Viscose Group Ltd. (PM)
*Visplas*, Viscose Group Ltd. (PM)
*Visqueen*, Imperial Chemical Industries Ltd. (PM)
*Visten*, Viskase Ltd. (C)
*Vitacream*, Malgavita Ltd. (M)
*Vita Fare*, Swift & Co. Ltd. (M)
*Vitafilm*, Goodyear Tyre & Rubber Co. (Great Britain) Ltd. (P) (PM)
*Vitbe*, Associated British Foods Ltd. (M)
*Vitherm*, Manor Plastics Ltd. (PM)
*Vodkik*, Gomersall's Magpie Minerals Ltd. (M)
*Voegele*, Petzold, Henry, & Co. (P)
*Voltem*, British Bakels Ltd. (C)
*Volumetric*, Bancroft Fillers & Appliances Ltd. (P)
*Volumex*, Rockwell Pneumatic Scale Ltd. (P)
*Vormenfabriek*, Bartleet, Norman, Ltd. (P)
*Vortair*, Kek Ltd. (P)
*Vortex*, Worthington-Simpson Ltd. (P)

## W

*WLS*, Bartleet, Norman, Ltd. (P)
*WW*, Croda Processed Eggs Ltd. (C)
*Wagonmaster*, Brimpex Eccles Co. Ltd. (P)
*Waifa*, Terry, Joseph & Sons Ltd. (M)
*Walden*, Walter Denis Contacts Co. Ltd. (P)
*Walkers*, Berisford, S. & W., Ltd. (M)
*Waneta*, Anderson & Coltman Ltd. (C)
*Warco*, Warwick Production Co. Ltd. (P) (PM)
*Wardkote*, Acalor (1948) Ltd. (P)
*Warmflo*, Biddle, F. H., Ltd. (P)
*Warmline*, Biddle, F. H., Ltd. (P)
*Warrior*, Davis, Leon, & Co. Ltd. (PM)
*Waterbury*, Biddle, F. H., Ltd. (P)
*Watten*, Novotechnics Ltd. (P)
*Wayne*, Dresser Europe, S.A. (P)
*Weasel*, Tyne Truck Trolley & Co. Ltd. (P)
*Weatex*, RHM Ingredient Supplies Ltd. (C)
*Weathermaster*, Carrier Eng. Co. Ltd. (P)
*Weecheddar*, Swift & Co. Ltd. (M)
*Week-End*, Rowntree Mackintosh Ltd. (M)
*Weekly*, Lehmann, R., & Co. Ltd. (C)

*Wee McGlen*, Goldwell Ltd. (M)
*Welbred*, Jackson, William, & Son Ltd. (M)
*Weldex*, Dickinson, John, & Co. Ltd. (PM)
*Welgar*, Nabisco Ltd. (M)
*Welma*, Sunblest Bakeries (Glasgow) Ltd. (M)
*Welsh Maid*, Williamson, R., Ltd. (M)
*Welvic*, Imperial Chemical Industries Ltd. (PM)
*Wembley*, Barnett, Jack L., Ltd. (PM)
*Westdale*, Spear Bros. & Clark Ltd. (M)
*West End*, White, Hudson & Co. Ltd. (M)
*Westons*, Associated British Foods Ltd. (M)
*Westply*, West, W. K., Ltd. (PM)
*Wheelveyor*, Marshall Handling Equipment Ltd. (P)
*Wherry*, Pettitts of Reedham Ltd. (M)
*White Cap*, Van Den Berghs (M)
*White Eagle*, Nickson, George & John, & Co. Ltd. (M)
*White Label*, Sharwood, J. A., & Co. Ltd. (M)
*White Mantle*, Lochore & Ferguson Ltd. (C)
*White Rose*, Croysdale, John, & Sons Ltd. (M)
*White Wings*, Beer, I., & Sons Ltd. (M)
*Whitina*, Crimony Co. Ltd. (C) (M)
*Whizz*, Hay, William, & Sons (Aberdeen) Ltd. (M)
*Wicked Lady*, Goldwell Ltd. (M)
*Wickersheim*, Rockwell Packaging Machines Ltd. (P)
*Wieme-Pak*, Oppenheimer Casing Co. (U.K.) Ltd. (C)
*Wilkinsons*, Bassett, Geo. & Co. Ltd. (M)
*Williams's*, Squirrel Horn Ltd. (M)
*Wilson's of Scotland*, Wilson, Robert, & Sons (Est. 1849) Ltd. (M)
*Wiltell*, Food Industries Ltd. (C)
*Wiltshire*, Moores, Samuel, Foods Ltd. (M)
*Windmill*, Allinson Ltd. (M)
*Windopak*, Dickinson, John, & Co. Ltd. (PM)
*Wine Wirker*, King, Geo. W., Ltd. (P)
*Winklepress*, Simon-Hartley Ltd. (P)
*Winnacott*, West Countree Confectionery Co. Ltd. (M)
*Witham*, Bush, Boake Allen Ltd. (C)
*Wizard*, G.E.C.-Elliott Control Valves Ltd. (P)
*Wonder*, United Bakeries Ltd. (M)
*Wonderloaf*, United Bakeries Ltd. and associated companies (M)
*Wondernut*, Dalton's, Percy, Famous Peanut Co. Ltd. (C)
*Wood-lok*, National Adhesives & Resins Ltd. (PM)
*Woodpecker*, Bulmer, H. P., Ltd. (M)
*Woody Eur-o-matic*, Bartlett, Norman, Ltd. (P)
*Worcester Ware*, Metal Box Co. Ltd. (PM)
*Workmaster*, Brimpex Eccles Co. Ltd. (P)
*Wrap King*, Carrington Packaging Ltd. (P)
*Wrappak Carton with Web Corners*, Bowater Packaging Ltd. (PM)
*Wrap-a-Pinta*, Mark-O-Print Ltd. (P)
*Wrigley-Union*, Montgomerie Reid Ltd. (P)
*Wyetainers*, Wye Plastics (PM)
*Wye Valley*, British Canners Ltd. (M)
*Wyeware*, Wye Plastics (PM)

## X

*XL*, Dixon, M., & Son Ltd. (C)
*XLDO*, Badex Ltd. (C)
*Xpelair*, Woods of Colchester Ltd. (P)
*X-Stok*, Simon-Barron Ltd. (P)

## Y

*Yale*, Eaton Corporation (P)
*Yeastless Ruskit*, Lucas, T., & Co. Ltd. (C)
*Yeatex*, Bovril Food Ingredients (C)
*Yeoman*, Dornay Foods (M)
*Yesta*, Bovril Food Ingredients (C)
*Yex*, Granose Foods Ltd. (M)
*Yoko*, Goodwin Tidswell (1968) Ltd. (C)
*Yorkaire*, York Division of Borg-Warner Ltd. (P)
*Yorkomatic*, York Division of Borg-Warner Ltd. (P)
*Yorkmetic*, York Division of Borg-Warner Ltd. (P)
*York-Hussmann*, York Division of Borg-Warner Ltd. (P)
*Yorkshire Relish*, Goodall, Backhouse & Co. Ltd. (M)
*Ystral*, M. & M. Process Equipment Ltd. (P)
*Ystral*. Petzold, Henry, & Co. (P)

## Z

*Zeo-Karb*, Permutit-Boby Ltd. (P)
*Zepha*, Sefcol (Sales) Ltd. (C)
*Zephyr*, Viskase Ltd. (C)
*Zephyr*, A.P.V. Co. Ltd. (P)
*Zills*, Bonds of London Ltd. (M)
*Zinnatine*, Holden, Arthur, & Sons Ltd. (PM)
*Zip-Up*, Access Equipment Ltd. (P)

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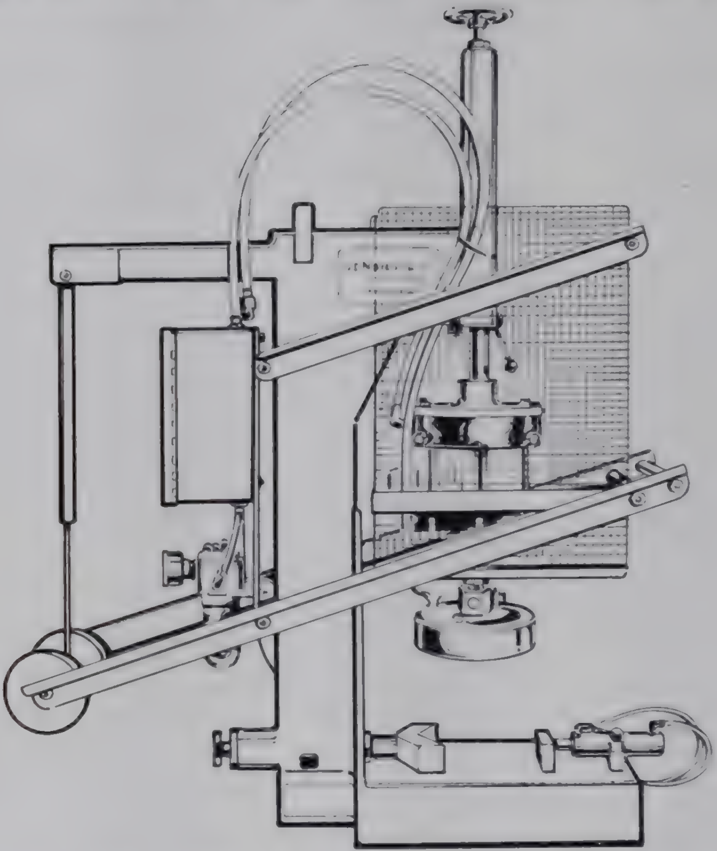

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### SUMMARY OF

# FOOD STANDARDS AND REGULATIONS

Revised by MRS. C. S. BURKE, B.SC., A.I.Inf.SCI., A.I.F.S.T.
(*British Food Manufacturing Industries Research Association*)

## GENERAL NOTES

THE SUMMARIES OF regulations given on the following pages have been amended to cover revisions and new regulations promulgated during the past year. They are intended as a guide to existing legislation in the various countries, but cannot for obvious reasons cover every detailed regulation, although every effort has been made to be as precise as possible on the more important foodstuffs. Generally, the information given applies to the position at January, 1975, but it must be remembered that changes in legislation may have occurred after that date and will occur during the currency of this edition of the Directory.

The information given covers mainly standards and limits of a quantitative kind, and regulations referring to permissible ingredients. It can be assumed to be a general requirement in all countries that materials used must be of satisfactory hygienic quality, degree of maturity, etc., and that the finished goods must be free from spoilage, deterioration, and dirt. These aspects, therefore, have not been covered, except when they are quantitative standards, *e.g.*, for mould, yeast, and bacterial count.

Some notes on labelling requirements, where these appear to be somewhat special for the particular food, have been included. Name and address of manufacturer or importer, net weight of contents, and proper designation, are usually basic requirements on labels. Before export of a new product or pack, it is often desirable to submit specimens of proposed labels for official approval. The regulations of some countries, *e.g.*, Australia, New Zealand, and South Africa, make very detailed stipulations as to designation, form and size of type, wording of declarations, etc., for each kind of food. Because of the importance of the Canadian and U.S. and the increasing importance of the French and German markets, details of the labelling requirements for these countries are given.

Many of the smaller countries have no detailed food regulations with respect to standards of composition, additives, labelling, etc., but they may have a general food act which requires foodstuffs to be of good quality etc., as mentioned above. Such countries either accept foodstuffs complying with the regulations of the country in which they were produced or of a particular country, *e.g.*, Uganda accepts foodstuffs complying with U.K. regulations, the Lebanon accepts foodstuffs complying with the regulations of the country of origin. This information is given in the following form in this Summary: UGANDA, as for U.K.; LEBANON, as for country of origin.

The most important changes in U.K. legislation since the last edition of this Directory are Antioxidants in Foods Regulations, 1974, the Miscellaneous Additives in Foods Regulations, 1974, the Preservatives in Foods Regulations, 1974, the Cheese (Amendment) Regulations, 1974. Regulations under review include those relating to colouring matter, infant foods, flavourings, starches (including modified starches), novel proteins, food additives used as ingredients in foods and not otherwise covered by regulations, additives in baby foods, soft drinks, bread and flour and artificial sweeteners (addition of aspartame to permitted list). The Food Standards Committee has issued a report on chocolate flavour coatings and fillings and a second report on bread and flour. The Food Additives and Contaminants Committee has issued supplementary reports on solvents and liquid freezants. Proposals to amend the emulsifiers and stabilizers in foods regulations, the preservatives in foods regulations and the miscellaneous additives in food regulations and to introduce regulations on cocoa and chocolate have also been issued by the Ministry of Agriculture, Fisheries and Food. The Department of Trade and Industry has issued proposals for the metrication of the sale of sugar, dried vegetables, flour and flour products.

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# INDEX TO COUNTRIES

AFRICA

ALGERIA ... ... ... 620
ANGOLA ... ... ... 620
CAMEROON ... ... 620
CONGOLESE REP. ... ... 620
GAMBIA ... ... ... 620
GHANA ... ... ... 620
KENYA ... ... ... 620
MALAGASY ... ... ... 620
MALAWI ... ... ... 620
MAURITIUS ... ... 620
MOROCCO ... ... ... 620
NIGERIA ... ... ... 620
SIERRA LEONE ... ... 620
SOUTH AFRICA ... ... 620
S.W. AFRICA ... ... 628
SUDAN ... ... ... 628
TANZANIA ... ... ... 628
TOGO ... ... ... 628
TUNISIA ... ... ... 628
UGANDA ... ... ... 628
ZAIRE ... ... ... 628
ZAMBIA ... ... ... 628

## AMERICA, CENTRAL

MEXICO ... ... ... 628
PANAMA ... ... ... 631

## AMERICA, NORTH

CANADA ... ... ... 631
U.S.A. (FEDERAL) ... ... 640

## AMERICA, SOUTH

ARGENTINA ... ... 663
BOLIVIA ... ... ... 666
BRAZIL ... ... ... 666
CHILE ... ... ... 669
COLOMBIA ... ... ... 673
ECUADOR ... ... ... 673
GUYANA ... ... ... 673
PARAGUAY ... ... 674
PERU ... ... ... 674
URUGUAY ... ... ... 675
VENEZUELA ... ... 676

## ASIA

BURMA ... ... ... 678
HONG KONG ... ... 678
INDIA ... ... ... 679
INDONESIA ... ... ... 684
JAPAN ... ... ... 684
KHMER REP. ... ... 686
MALAYSIA (MALAYA, SABAH, SARAWAK) ... ... 687
NEPAL ... ... ... 687
PAKISTAN ... ... ... 687
PHILLIPINE IS. ... ... 689
SINGAPORE ... ... 689
SRI LANKA (CEYLON) ... 690
THAILAND ... ... ... 691
VIETNAM ... ... ... 691

## CARIBBEAN

CUBA ... ... ... 691
JAMAICA ... ... ... 692
TRINIDAD AND TOBAGO ... 692

E.E.C. ... ... ... 693

## EUROPE, WEST

AUSTRIA ... ... ... 697
BELGIUM ... ... ... 699
CYPRUS ... ... ... 703
DENMARK ... ... ... 703
FINLAND ... ... ... 707
FRANCE ... ... ... 708
GERMANY (WESTERN) ... 716
GREECE ... ... ... 725
IRISH REP. ... ... 726
ITALY ... ... ... 726
MALTA ... ... ... 729
NETHERLANDS ... ... 729
NORWAY ... ... ... 735
PORTUGAL ... ... ... 741
SPAIN ... ... ... 742
SWEDEN ... ... ... 743
SWITZERLAND ... ... 750
TURKEY ... ... ... 755
UNITED KINGDOM ... ... 755
YUGOSLAVIA ... ... 777

## EUROPE, EAST

BULGARIA ... ... ... 779
CZECHOSLOVAKIA ... ... 779
GERMANY (EASTERN) ... 779
HUNGARY ... ... ... 779
POLAND ... ... ... 779
RUMANIA ... ... ... 779
U.S.S.R. ... ... ... 780

## MIDDLE EAST

BAHRAIN ... ... ... 780
EGYPT ... ... ... 780
IRAN ... ... ... 781
IRAQ ... ... ... 782
ISRAEL ... ... ... 782
JORDAN ... ... ... 782
KUWAIT ... ... ... 782
LEBANON ... ... ... 782
LIBYA ... ... ... 782
QATAR ... ... ... 782
SAUDI ARABIA ... ... 782
SOUTH YEMEN (ADEN) ... 782
SYRIA ... ... ... 782
UNITED ARAB EMIRATES ... 783

## OCEANIA

AUSTRALIA ... ... 783
NEW ZEALAND ... ... 794

# AFRICA

### ALGERIA
*As for France*

### ANGOLA
*As for Portugal*

### CAMEROON
*As for France*

### CONGOLESE REP.
*As for Belgium*

### GAMBIA
*As for country of origin*

### GHANA
*As for U.K.*

### KENYA
*As for U.K.*

### MALAGASY REP.
*As for France*

### MALAWI
*As for U.K.*

### MAURITIUS
*As for U.K.*

### MOROCCO
*As for France*

### NIGERIA
*As for U.K.*

### SIERRA LEONE
*As for country of origin*

## SOUTH AFRICA

### BEVERAGES, NON-ALCOHOLIC

**Soft Drinks.** pH not less than 2·5. Optional: acetic, citric, lactic, malic, tartaric acids; ascorbic and nicotinic acids; $CO_2$; glycerol; foaming agents; flavours; stabilizers (declar.); potass. and sod. chloride and phosphate; sulphonated oil; colours (see Tables, pp. 800–806); preservatives (see Tables, p. 626) sorbitol, mannitol; saccharin, max. 500 p.p.m. (declar.), cyclamate, max. 2500 p.p.m. (declar.); brominated veg. oil, max. 15 p.p.m.; caffeine, max. 150 p.p.m.; glyceryl esters of wood resin, max. 100 p.p.m.; glyceryl tribenzoate, max. 40 p.p.m.; o-phosphoric acid, max. 600 p.p.m.; propylene glycol dibenzoate, max. 120 p.p.m.; quinine, max. 50–100 p.p.m.; sucrose acetate isobutyrate, max. 50 p.p.m. Must be filled in following amounts: 125, 175, 200, 225, 250, 300, 350, 500, 750, 1000, 2000, 2500, 4500, 5000 ml and any quant. above 5 l (2·25 l and 4·5 l only until 31.12.1975).

### COCOA, CHOCOLATE, AND SUGAR CONFECTIONERY

**Cocoa Paste, Mass, Slab, Unsweetened Block Chocolate, or Cocoa Liquor.** In dry, fat-free substance: total ash, max. 8%; water-insol. ash, 5.5%; crude fibre, max. 6.5%.

**Cocoa or Cocoa Powder.** No min. fat. In dry, fat-free substance:

crude fibre, max. 6·5%. Cu, max. 70 p.p.m.

**Soluble Cocoa, Dutch Process Cocoa or Cocoa Essence.** Total water-sol. alkali, as $K_2CO_3$, max. 5%. Dry, fat-free, water-sol.-alkali-free residue as for cocoa.

**Prepared, Compounded, Homœopathic or Sweetened Cocoa.** Cocoa or soluble cocoa with other wholesome foodstuffs. Declar. of min. % of dry, fat-free cocoa.

**Chocolate Paste, Confectioners' Chocolate, Chocolate Coatings, Chocolate Powder.** Fat-free cocoa, min. 10%. No foreign fat.

**Milk Chocolate, Cocoa and Milk, Chocolate and Milk.** Fat-free cocoa, min. 4%. No min. milk solids.

**Chocolate Confectionery.** Wholesome food substances covered or compounded with choc. paste, or milk choc. as above.

**Confectionery.** Sucrose, dextrose, other sweetening substances. Optional: colours, flavours, gelatin, pectin, agar, edible gums, propylene glycol alginate, sod. CMC, methyl cellulose, hydroxypropylmethyl cellulose, alkyl cellulose ethers, sorbitan monostearate, polyoxyethylene sorbitan mono-oleate, acetylated monoglycerides. Mineral oil, max. 0·2%.

## COFFEE AND COFFEE MIXTURES

**Coffee Essence or Extract.** Caffeine, min. 0.5%. Optional: sugar or other edible carbohydr.

**Coffee and Chicory Essence or Extract.** Caffeine, min. 0.25%. Coffee extract, min. 50%. Optional: as for coffee essence.

**Coffee and Milk.** Caffeine, min. 0.12%.

**Decaffeinated Coffee.** Caffeine, max. 0.1%.

## FATS AND OILS

**Edible Oils, Salad Oils, or Cooking Oils.** Standard of purity as in B.P. or B.P. Codex. Optional: antioxidants; permitted colour. Labelling: name(s) of oil(s) present; in mixtures, that in greatest proportion to be named first.

**Lard and Dripping.** No foreign substance but salt.

**Compound Lard, Lard Compound.** Lard, min. 25%, with dripping or other animal fat. Optional, cottonseed stearin or other veg. fat; salt. Labelling: names and approx. proportion of ingreds.

**Vegetable Fat.** Optional: antioxidants.

## FISH PRODUCTS

**Additives.** Only the following: colours (see pp. 800–806); salt, citric acid, ascorbic acid, sod. glutamate, seasoning, wood smoke.

**Canned Fish.** Optional: sod. hexametaphosphate, max. 0·5%.

**Fish Paste and other Preparations.** Fish, min. 75% (calcd. as % protein N x 37.5); protein nitrogen, min. 2%. Optional: wholesome farinaceous or other veg. substances; benzoic acid, max. 500 p.p.m.

**Fish Roe and Spawn.** (Cooked, cured, and/or smoked). Optional: benzoic acid, max. 770 p.p.m.

**Smoked and Dried Fish.** Optional: benzoic acid, max. 200 p.p.m.

## FLOUR AND FLOUR PRODUCTS

**Wheaten or Rye Flour.** Optional: ascorbic acid, max. 200 p.p.m.; azodicarbonamide, max. 45 p.p.m.; calc. acetate, max. 3000 p.p.m.; calc. propionate, max. 3000 p.p.m.; ammon. chloride, sulphate, phosphate; calc. sulphate; diacetyl tartaric acid esters of mono- and diglycerides, glyceryl monostearate; mono-, di- and tricalc. phosphate; sod. chloride; succinylated distilled monoglycerides. Wheat flour may be treated with chlorine gas, max. 2500 p.p.m. (declar.) and chlorine dioxide, max. 30 p.p.m. Self-raising flour may contain acid phosphate and sod. bicarb.

**Rice Flour, Ground Rice.** No foreign addition.

**Custard Powder, Pudding Powder.** Optional: other wholesome food substances; harmless flav.; permitted colour. Labelling: no use of word "egg", "cream", or "creamy", or any suggestion of presence of egg or cream.

## FRUIT AND VEGETABLE PRODUCTS

**Dried Peas (Processed).** Labelling: "processed dried green peas". No words or suggestion of presence of freshly picked peas.

**Dried Fruit.** Mineral oil, max. 0.2%.

**Jams, Preserves, Conserves.** Fruit ingred.: fresh fruit, fruit pulp, canned fruit. Sol. solids (refract.), min. 66%, max. 73% (melon, 60% to 70%). Lbs. prepared fruit per 100 lbs. sugar: apple, rasp., blackcurr., 50; strawb., blackb., loganb., 55 quince, guava, Cape gooseb., 60; plum, 65; apricot, fig, peach, pineapple, peach and pineapple, two-fruit jams generally, 70; papaw, pear, tomato, mango, apricot and pineapple, 80; melon and fig, ginger, lemon or pineapple, 90; melon, grape, 100. In two-fruit jams fruit present in highest proportion named first. Residual $SO_2$, max. 40 p.p.m. or benzoic acid, max. 400 p.p.m. or sorbic acid, max. 400 p.p.m. Optional: glucose or dextrose (max. 33⅓% of total sweetening matter); spice, citric, or tartaric acid or their alkali salts of B.P. quality; permitted colour; fruit pectin, max. 0·3% as calcium pectate (for fruits deficient in pectin); flavours (declar.). Labelling mixtures: fruit ingred. in highest proportion to be named first. Five quality grades, with defined specifs.: "First," "Standard," "Manufacturers'," "Sub-Standard" and "Undergrade"; must all comply with preceding regs. Must be packed in 30, 150, 226, 340, 453, 680, 907, 3628 and 2268 g only.

**Marmalades.** From citrus fruit, or pulp and rinds of certain other fruits. No fruit or veg. matter other than citrus unless stated on label. Optional and grades as for jams.

**Fruit Jellies.** Optional and grades: as for jams, except fruit pectin, max. 0.6% as calcium pectate (for fruits deficient in pectin). Labelling mixtures: as for jams.

## GELATINE AND GELATINE PRODUCTS

**Edible Gelatine.** Moisture, max. 16%; ash, max. 2.5%; $SO_2$, max. 1000 p.p.m.; $As_2O_3$, max. 3.5 p.p.m.; Pb., max 10 p.p.m.; Cu, max. 30 p.p.m.; Zn, max. 100 p.p.m.; *p*H, min. 4.0, max. 8.4. Bact. count, max. 10000/gm. *E. coli* absent in 0.01 gm.; anaerobes absent in 0.1 gm. Completely sol. in hot water; 5% soln. at 60°C. to be free from objectionable taste and odour.

**Jelly Crystals, Table Jellies.** Gelatine or other thickener with sugar, citric or tartaric acid, permitted colour, harmless flav.

## MALT PREPARATIONS

**Malted Milk.** Milk-fat, min. 7.5%; moisture, max. 3.5%.

## MEAT PRODUCTS

**General Regs. for Canned Meat Products.** Fill, min. 90% of total capacity; nitrite, max. 200 p.p.m. (as $NaNO_2$). Labelling: following details required: full name and address of manufacturer or person for whom packed, name and true description of product, net wt., where applicable, nature of packing medium, where applicable, list of ingreds. in decreasing order of wt., declar. of any artif. colour (plain type, min. 6 pont), if has to be stored under refrign. state "Keep at temp. not exceeding 4·5°C", date of canning and, if used, batch no. (embossed or indelibly marked) (code marks to be registered with S.A. Bureau of Standards), words signifying country of origin, and any special requirements for individual products.

**Canned Bacon.** Rashers interleaved with parchment paper, cellulose film or other suitable material.

**Canned Corn Beef.** Total meat by analysis, min. 130%. Fat, max. 20% in "corned beef", 15% in "lean c.b.", 10% in "special lean c.b." Optional: salt, max. 3%; packing medium, gelatine, agar, max. 1%, CMC. max. 0·5%; natural beef binder, max. 5% (declar.). No phosphates.

**Canned Corned Beef with Cereal.** Total meat by analysis, min. 95%, lean meat, min. 80%; crude starch, max. 6%. Fat, max. 20%. Natural binder, max. 5% (declar.); no gelatine, agar, phosphates.

**Canned Ham.** Lean to fat ratio, min. 9 : 1; sliceable mass, min. 80% (pasteurized), min. 65% (indefinitely stable).

**Canned Tongue.** Drained wt., min. 80% of net wt. Packing medium, bone stock with or without gelatine and/or agar (latter, max. 2% of medium).

**Canned Meat Rolls.** Total meat, min. 75%; fat in meat, max. 35% (max. 30% in corned beef roll); heart, liver, kidney, max. 5% (declar.) (none in corned beef roll). *Liver roll:* total meat, min. 75%; fat in meat, max. 40%, liver, min. 25%; heart, kidney, max. 5% (declar.). Starch from filler, max. 6%. Optional: milk, eggs; natural binder, max. 5%; phosphates, max. 0.5%.

**Canned Sausages.** Drained wt., min. 80% of net wt.; starch from cereal, max. 5%; phosphates; natural binder, max. 5%; liver, kidney, heart, max. 5%; sod. nitrite, max. 200 p.p.m. Packing media (except Vienna sausages); fat, brine, or (max. 2%) agar; Vienna: brine (2-6%). gelatine (max. 5%) or agar (max. 2%). *Sausages in brine, agar or other aqueous medium:* total meat, min. 65%, fat in meat, max. 38% for pork, 30% for beef, 35% for mixed meat, 25% for Viennas and Frankfurters (calculated on drained sausage). *Sausages in fat or without packing medium:* total meat, min. 75%, fat in meat, max. 43% for pork, 36% for beef, 40% for mixed meat.

*SOUTH AFRICA (cont.)*

**Canned Vegetables and Meat.** Meat, min. of total contents varies with type of meat, declar. of kinds of veg. and meat (veg. in order of amts.). Optional: permitted colour (declar.).

**Meat Paste, Potted Meat, Chopped Meat.** Meat paste: meat, min. 75%; fat in meat, max. 40%. Liver paste: liver, min. 25%; fat in meat, max. 45%. Potted and chopped meat: meat, min. 95%; fat in meat, max. 37% (42% in chopped pork). Optional: milk, eggs, agar, gelatine, farinaceous or other veg. material, soya protein, permitted colour, phosphates, max. 0.5%; saltpetre, max. 500 p.p.m.; nitrite, max. 200 p.p.m. (as $NaNO_2$).

**Processed Meat.** Meat, simple or mixed, subjected to cooking, curing, drying, smoking, or any combination of these. Meat content, min. 95%. Optional: salt, saltpetre, sugar, vinegar, spices, permitted colour, nitrite (max. 200 p.p.m. as $NaNO_2$). If in a container, fat, agar, and/or gelatin may be used as packing medium.

**Manufactured Meat Products.** Minced or ground processed meat, min. 75% (inc. polonies, saveloys, meat paste, brawn, meat loaf, not sausage rolls and meat pies). Optional: spices, flavourings, milk, eggs, agar, gelatine, farinaceous or other veg. material; phosphates, max. 0.5%; ascorbic acid, preservatives (see Table, p. 626); colours; saltpetre, max. 500 p.p.m.; nitrite, max. 200 p.p.m. (as $NaNO_2$). Brine, fat, agar, gelatine as packing medium.

**Meat Extract.** Total solids, min. 75%. Ash, max. 27%. NaCl, max. 12%; fat, max. 0.6%; nitrogen, min. 8%; all on dry matter.

**Peptones.** Proteoses and peptones, min. 50%.

## MILK PRODUCTS

**Condensed Milk.** Unsweetened: milk fat, min. 8%; total milk solids, min. 26%. Sweetened: milk fat, min. 8%; non-fatty milk solids, min. 20%. Unsweetened skimmed: milk solids, min. 20%. Sweetened skimmed: milk solids, min. 26%.

**Dried Milk.** Moisture, max. 5%. When dissolved as directed, resulting fluid to have milk-fat min. 3%, non-fatty milk solids, min. 8.5%. Organisms, max. 200000 per gm. No *E. Coli* in 0.1 gm. Packages hermet. sealed and moisture proof.

**Dried Skimmed Milk.** Moisture, max. 5%. When dissolved as directed, resulting fluid to have non-fatty milk solids, min. 8.8%. Otherwise as for dried milk.

**Processed Cheese.** Moisture, max. 45%. Optional: salt, calcium chloride, saltpetre, seasoning, permitted colouring, harmless emulsifier. and stabilizers see list on p. 628. Cheese used must contain min. 45% milk fat in water-free substance.

**Cheese Spreads, Cheese Preparations.** Moisture, max. 60%; milk fat, min. 14%. Optional: spices, harmless flav., permitted colouring, harmless emulsifiers and stabilizers, see list on p. 628, permitted preserv. Main ingred. beside cheese to be disclosed on label and its name incorporated in name of product.

## SPICES, CONDIMENTS

**Mustard.** Total ash, max. 8%; starch, max. 2.5%; no other foreign substance.

**Table Salt.** NaCl, min. 98.4% of dry matter; moisture, max. 4%.

**Free-running Table Salt.** Anti-caking agent (*e.g.*, calc. phosphate, magnesium carbonate, starch, talc), max. 1%. If min. 10 p.p.m. and max. 20 p.p.m. iodine (expressed as potass. iodide), must be labelled "iodine fortified salt" in prescribed manner.

**Flavoured Salt.** Free-running table salt with harmless, natural or artif. flav. (if latter, must be labelled "artificial," "synthetic," or "imitation.")

**Onion Salt, Garlic Salt, Celery Salt.** Free-running table salt with the respective powdered vegetable; max. 90% salt.

## SUGARS AND SUGAR PRODUCTS

**Caster Sugar.** Optional: tricalc, phosphate, max. 1%, or starch max. 3%.

**Icing Sugar.** Optional: tricalc. phosphate, max. 1%; or starch, max. 3%. Fineness: max. 2% to remain on 100-mesh sieve, min. 65% through 200-mesh sieve.

**Liquid Glucose.** Ash (sulphated), max. 0.6%; free acid, max. 0.045% (as HCl); Cu, max. 10 p.p.m.; Fe, max. 20 p.p.m.

## VINEGAR PRODUCTS

**Sauces and Chutneys.** Optional: permitted colour; $SO_2$, max. 450 p.p.m., or benzoic acid, max. 600 p.p.m.; harmless flav.; emulsifiers and stabilizers, see list on p. 628.

**Mayonnaise.** Edible oil, min. 52%, with egg yolk and dil. acetic acid and/or dil. soln. of citric acid. Optional: mustard, spices, sucrose, glucose, other permitted sweetening agents, permitted colour, emulsifiers and stabilizers, see list on p. 628.

**French Dressing.** Edible oil, min. 35%. No emulsifiers. Otherwise as for mayonnaise.

**Salad Dressing.** Edible oil, min. 31.5%. Optional: egg yolk, other emulsifying substances, farinaceous substances, and otherwise as for mayonnaise.

## ARTIFICIAL SWEETENERS

Saccharin and calc. and sod. salts, max. 150 p.p.m. and calc. or sod. cyclamate, max. 1500 p.p.m. Only permitted in certain foods and special labelling requirements.

## COLOURING MATTERS

See Tables, pp. 800-806.

## SOLVENTS

Ethanol, glycerol, triacetin, propylene glycol and *iso*propyl alcohol permitted.

## PRESERVATIVES

Preservatives are permitted in foods to the limits shown in Table, p. 626. No food to contain more than one preserv. unless prepd. from two or more ingreds. each allowed to contain a different preserv. Quantities present then not to exceed amts. resulting from permitted content in ingreds.

*SOUTH AFRICA (cont.)*

**Limits for Preservatives (South Africa)**

| | *Preservative* | *Amt. permitted (p.p.m.)* |
|---|---|---|
| Sausages, sausage meat and manufactured meat prods. except canned meat prods. | $SO_2$ | 450 |
| | or benzoic acid | 770 |
| Fresh fish ... ... ... ... ... | Benzoic acid | 100 |
| Smoked and dried fish ... ... ... | Benzoic acid | 200 |
| | or sorbic acid | 1000 |
| Fish pastes ... ... ... ... | Benzoic acid | 500 |
| Fish roe and spawn (cooked, cured and/or smoked) ... ... ... ... | Benzoic acid | 770 |
| Fresh fruit and fresh fruit pulp ... | $SO_2$ | 1500 |
| | or benzoic acid | 600 |
| | or sorbic acid | 600 |
| Dried fruits (incl. raisins, sultanas and prunes) ... ... ... ... ... | $SO_2$ | 2000 |
| | or sorbic acid | 600 |
| Dried vegetables ... ... ... ... | $SO_2$ | 2000 |
| Jam, marmalade, fruit jelly, and similar ... ... ... ... ... | $SO_2$ | 40 |
| | or benzoic acid | 400 |
| | or sorbic acid | 400 |
| Canned cherries ... ... ... ... | Benzoic acid | 850 |
| Cryst., glace or cured fruit, candied peel | $SO_2$ | 100 |
| Unferm. grape juice, non-alcoholic wines, and fruit juices ready to drink ...<br>Fruit syrups, cordials and fruit squashes requiring only dilution with water ...<br>Concd. fruit squash and fruit syrup bases, requiring addition of sugar and water, after the prescribed dilution to a fruit syrup, cordial or fruit squash ...<br>Pickles, sauces and chutneys ... ...<br>Coffee extract ... ... ... ... | $SO_2$<br>or benzoic acid<br>or sorbic acid<br>or $SO_2$<br>with sorbic acid | 450<br>600<br>600<br>200<br>600 |
| Sweetened aerated or mineral waters, including carbonated fruit squashes and fruit juices, containing less than 5% of fruit juice ... ... ... | $SO_2$ | 70 |
| | or benzoic acid | 120 |
| | or sorbic acid | 120 |
| Carbonated fruit squashes and fruit juices containing min. 5% of fruit juice | $SO_2$ | 120 |
| | or benzoic acid | 250 |
| | or sorbic acid | 250 |
| Sugar, including cane syrup and solid glucose ... ... ... ... ... | $SO_2$ | 70 |
| Liquid glucose ... ... ... ... | $SO_2$ | 450 |
| Cornflour (maize starch) or other prepared starches ... ... ... | $SO_2$ | 100 |

| | | |
|---|---|---|
| Gelatine ... ... ... ... ... | $SO_2$ | 1000 |
| Beverage concs. prepared from wheat and other cereals ... ... ... ... | Benzoic acid | 600 |
| Sacramental wine prepared from unferm. grape juice ... ... ... ... | Benzoic acid | 2750 |
| Cheese spreads, cheese preparations ... | Benzoic acid<br>or sorbic acid | 600<br>600 |

Note: the preservatives may also be used as their sodium salts, in max. amts. equiv. to the $SO_2$, benzoic acid or sorbic acid shown.

### Limits for Metallic Contamination, p.p.m. (South Africa)

| | *Arsenic* (As) | *Copper* (Cu) | *Lead* (Pb) | *Zinc* (Zn) |
|---|---|---|---|---|
| Aerated or mineral waters cont. in tins ... ... ... ... | 0.2 | 5.0 | 1.0 | 5.0 |
| Aerated or mineral waters not cont. in tins ... ... ... ... | 0.2 | 5.0 | 0.2 | 5.0 |
| Colouring matters (other than caramel), on dry basis ... ... | 1.0 | 20 | 20 | 50 |
| Conc. fruit juices, sweetened conc. fruit juices & fruit nectars or purees ... ... ... ... | 1.0 | 25.0 | 1.0 | 25.0 |
| Dextrose, monohydr. and anhydrous ... ... ... ... | 1.0 | 20 | 2.0 | 50 |
| Fats and oils ... ... ... | 1.0 | 20 | 0.5 | 50 |
| Frozen confectionery ... ... | 1.0 | 20 | 1.0 | 50 |
| Fruit juices, sweetened fruit juices, dil. fruit juices as well as vegtables juices ... ... ... | 0.5 | 20.0 | 1.0 | 25.0 |
| Fruit syrups, cordials, crushes and squashes ... ... ... ... | 1.0 | 25.0 | 1·0 | 25.0 |
| Gelatine (edible) ... ... ... | 2.5 | 30 | 10 | 100 |
| Glucose (liquid) ... ... ... | 1.0 | 20 | 5 | 50 |
| Ice cream and sherbets ... ... | 1.0 | 20 | 1.0 | 50 |
| Non-aerated fruit-flavoured beverages or drinks .. .. .. | 0.2 | 5.0 | 1.0 | 5.0 |
| Pectin (solid) ... ... ... | 5.0 | 300 | 50 | 50 |
| Pectin (liquid) ... ... ... | 2.0 | 30 | 10 | 50 |
| Spices and dried herbs ... ... | 5.0 | 30 | 10 | 50 |
| Sugar (refined) ... ... ... | 1.0 | 20 | 1.0 | 50 |
| Sugar (unrefined) and molasses ... | 1.0 | 20 | 5 | 50 |
| Tomato sauce and puree (on dry basis) ... ... ... ... | 1.0 | 100 | 5 | 50 |
| Other foodstuffs ... ... ... | 1.0 | 20 | 5 | 50 |

Also: limit for tin in all foodstuffs, max. 250 p.p.m. Where chemicals used in foodstuffs are subject to limits in the B.P. or B.P.C., those limits apply.

*SOUTH AFRICA (cont.)*

### ANTIOXIDANTS

Permitted in edible oils and edible oil products, singly or in combination as follows: guaiac resin, max. 0.1%; tocopherols, max. 0.03%; lecithin; citric, tartaric and ascorbic-acids; propyl, octyl, decyl, dodecyl gallates, max. 0.01%, with or without citric acid. max. 0.005%; butylated hydroxyanisole (B.H.A.), max. 0.02%, or butylated hydroxytoluene, (B.H.T.), max. 0.02% (or both, total max. 0.02%), with or without gallates as above, max. 0.01%, and with or without citric acid, max. 0.005%, or phosphoric acid, max. 0.005%. In essential oils B.H.A., max. 0.1%.

### EMULSIFIERS AND STABILIZERS

Gelatin, pectin, agar, edible gums permitted generally (declar. except in confectionery; jelly crystals, table jellies; fruit jellies; certain types of jam). Propylene glycol alginate, sodium CMC, sorbitan monostearate, polyoxyethylene sorbitan mono-oleate, methyl cellulose, hydroxypropyl methyl cellulose, acetylated monoglycerides, alkyl cellulose ethers in certain foods only (ice cream, max. 1%; cheese preparations, salad dressings, sauces and chutneys, confectionery, canned fish, limits as dictated by good manufacturing practice). Dept. of Health, Pretoria, will consider use of other substances on request.

### METRICATION

Declaration of net contents must be in metric units. Compulsory sizes exist for certain foods, e.g., chocolate, fruit drinks and squashes, dairy products.

## S. W. AFRICA

*As for South Africa*

## SUDAN

*As for country of origin*

## TANZANIA

*As for U.K.*

## TOGO

*As for France*

## TUNISIA

*As for France*

## UGANDA

*As for U.K.*

## ZAIRE (Congo)

*As for Belgium*

## ZAMBIA

*As for U.K.*

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# AMERICA, CENTRAL

## MEXICO

### FATS AND OILS

**Antioxidants.** Citric or phosphoric acid, max. 0.005%; tocopherols, max. 0.03%; propyl gallate, max. 0.01%; thiodipropionic acid and esters, max. 0.01%; B.H.A., max. 0.02%; B.H.T., N.D.G.A., max. 0.01%; guaiacum resin, max. 0.1%; others where authorised by Ministry of Health and Welfare.

## MEAT PRODUCTS

**Cured Meats.** Nitrite (as sod. nitrite), max. 200 p.p.m.

**Sausages, Meat Pastes, etc.** Cereals, milk powder, max. 10% (declar. if over 6%).

## MILK PRODUCTS

**Sweetened Condensed Milk.** Total milk solids, min. 28%; fat, min. 8.5%. Sugar may be sucrose or dextrose or mixtures. Max. 50000 bacteria per gm., on plating in gelatine-tryptone-glucose at 37°C. for 48 hrs. No pathogens. Labelling: content of fat, solids-not-fat, and carbohydrate.

**Evaporated Milk.** Total milk solids, min. 25.9%; fat, min. 7.9%. Optional: disod. phosphate or sod. citrate or both, or calcium chloride (max. 0.1% in all); vitamin D to give min. 25 I.U./100 gm. (by irradiation or addition; if added in foreign fat, latter to be max. 0.01% of finished product). Must be sterile. Labelling: content of fat, total milk solids.

**Industrial Evaporated Milk.** From wholly or partly skim milk. Labelling: degree of concn.; whether full cream, partly or wholly skim; declar. that for industrial use.

**Dried Milks.** Max. 50000 bacteria per gm. (if whole milk), 150000 per gm. (if partly or wholly skim for retail), 500000 per gm. (if partly or wholly skim for industrial use), when tested as for sweetened condensed milk. No pathogens. Imports: authorization reqd. for each consignment; registration no. of product (see below) and certified analysis of lot reqd., showing moisture, fat content, acidity (as lactic), solubility index, sediment, no. of bacteria; also class of product (*i.e.*, whole, skim, or partly skim, retail or industrial), name and address of manufacturer, country of manufacture. Packing: retail packs to be in plastic or other impermeable liners to tins or cartons; other retail packs, also industrial packs, as approved by Ministry of Health if satisfied that product is adequately protected.

**Processed Cheese.** Optional: alkalis approved by Ministry of Health; turmeric, annatto, and other authorized colours (but not in skim milk cheese); salt, refined sugar, harmless micro-organisms, and other substances if approved in advance by Ministry of Health.

## SALT

**Iodized Salt.** Addition of iodine, max. 0.10 g./kg., is permitted, in the form of sod. or potass. iodide or iodate (declar.). If iodine is added, the following stabilizers also allowed (declar.): basic magn. carbonate, 1.0%; the same with sod. thiosulphate, 0.1%; basic magn. or calc. carbonate, 0.75%, with calc. oxide, 0.1% and sod. thiosulphate, 0.1%; tricalc. phosphate, 1.0%; tricalc. phosphate, 0.9% with 0.05% sod. bicarb. and 0.9% dextrose. (Others may be allowed in special cases.)

## REGISTRATION

All manufd. foods and drinks sold in closed containers or packages must be authorized and registered with Ministry of Health. Triplicate applications to be sent stating (a) name of product; (b) name of manufacturer; (c) name and address of applicant; (d) location of place of manuf. or prepn.; (e) name and business address of importer or manufacturer's representative (for imports); (f) name of responsible technical expert (where required by the Ministry); (g) recipe of product specifying ingreds. qualitatively (if

*MEXICO (cont.)*

alkaloids or glucosides present, declar. of proportion reqd.); (h) name and proportion of any preserv. present; (i) use for which product is intended. Following documents must accompany application: (a) 3 photos (16 × 24 cm.) of containers as proposed; (b) chem. analysis of product (for alcoholic bevs.); (c) for imports, a certif. that sale of the product is permitted in country of origin, issued by an official authority or, failing this, by the Chamber of Commerce, and stamped by the Mexican Consul; (d) 3 copies each of labels, prospectuses, notices, pamphlets, and other printed and advertising matter proposed to be used; (e) when requested by Ministry, samples for analysis or other investigation deemed necessary. Products and labels, etc., must not be modified from those registered, except with prior approval ol the Ministry.

## LABELLING

Labels on containers of foods which can undergo spontaneous alteration must give date of prepn. (which may be a code disclosed to Ministry of Health) and date by which period of preservation will have elapsed. Presence of preserv. or stabilizer must be declar., with statement of proportion present. The only reference to official approval must be "Acceptado—D.S.P.", and the registration no.

## ADDITIVE SUBSTANCES

The position has been regularized by the listing of additive substances of various classes which it is permissible to add to foods. Detailed regs. apply to the registration and labelling of these by the Ministry of Health and Welfare before they can be imported. Following are the substances at present permitted Others may be added in any of the classes when their harmlessness has been demonstrated to the satisfaction of the Ministry of Health and Welfare, and they have been accorded registration. Additives may only be used in foods and beverages when strictly necessary for proper manuf., presentation and/or preservation.

**Colouring Matters.** Mineral colour prohib. For permitted colours see Tables, pp. 800-806.

**Flavourings.** The usual common flavouring essences and materials. with a specified list of prohib, harmful substances. (The prohib. includes coumarin). Vehicles: ethy. alc., propylene glycol, or "other suitable diluent."

**Preservatives.** Benzoic acid, sod. benzoate ; propionic acid and its sod. and potass. salts; sorbic acid and its sod. salt; oxygenated water; sod. diacetate; sulphur dioxide, chlortetracycline, oxytetracycline. Use of particular preservs. may be restricted to particular types of product.

**Oxidants.** Pot. bromate, chlorine, nitrosyl chloride, chlorine dioxide, sod. and potass. nitrites and nitrates (max. 200 p.p.m. nitrite in finished product), oxides of nitrogen, benzoyl peroxide, calc. peroxide, hydrogen peroxide, ammon. persulphate, potass. iodate.

**Antioxidants.** (for use in edible fats and oils and essential oils). See under "Fats and Oils".

**Emulsifiers and Stabilizers.** Glyceryl mono- and di-esters of fatty acids; carboxymethyl-cellulose and its sod. salt; alginates, casein, pectin, gelatine, glycerine; sugars, propylene glycol; gums arabic, karaya, tragacanth, agar, carrageen; harmless seed mucilages; sod. or potass. polyphosphates; enzyme preparations; propylene glycol; terpenes; alc. extracts of harmless resins, gum resins and oleoresins; brominated edible oils, sulpho-acetates of mono- and diglycerides; sod. salt of phosphoric ester of mono- and diglycerides.

**Foaming Agents.** Gelatine, veg. mucilages, albumens, gums (except gum gutta), liquorice and derivs., carboxymethylcellulose.

**Antifoaming Agents.** Methyl-polysiloxane.

**Antispattering Agents.** Polyglyceride monostearate; sod. salt of sulpho-acetate of monostearin.

**Sweeteners.** Sugars and natural sweetening materials. In diabetic foods and drinks only: calc. or sod. cyclamate; saccharin, soluble saccharin.

**Acidifiers.** Orthophosphoric, acetic, citric, tartaric, lactic, and malic acids.

**Humectants.** Glycerine, propylene glycol, sorbitol, invert sugar.

**Anti-humectants.** Calcined magnesia, tricalc. phosphate.

## PANAMA

### COLOURING MATTERS

See Tables, pp. 800–806.

Colours permitted in some alc. beverages, confectionery, dessert powders, cheese rinds.

### OTHER ADDITIVES

Lists of additives, incl. antioxidants, preservatives, in force.

# AMERICA, NORTH

## CANADA

### BEVERAGES, NON-ALCOHOLIC

**Citrus flavoured beverages.** Optional: Brominated veg. oil, max. 15 p.p.m. or sucrose acetate isobutyrate, max. 50 p.p.m., in citrus flavour.

**Fruit Juices.** Optional: Sugar, invert sugar or dextrose (declar. by name and per cent. by wt.), preserv. (declar.); $SO_2$, max. 100 p.p.m., benzoic acid, sorbic acid, max. 1000 p.p.m. Limits of compn.: *Apple:* spec. grav. (20°C.) 1.041—1.065, ash 0.24—0.60 g./100 ml. (min. 50% $K_2CO_3$). *Grape:* spec. grav. 1.0400—1.1240, ash 0.20—0.55 g./100 ml., citric acid (anhydr.) $P_2O_5$, 0.015—0.070 g./100 ml. *Grapefruit:* sol. solids min. 9.5 g./100 ml., citric acid (anhydr.) 0.75—2.2 g./100 ml. *Lemon:* sol. solids min. 8.0 g./100 ml., citric acid (anhydr.), min. 5.0 g./100 ml. stannous chloride (decl.). *Lime juice:* sol. solids, min.8 g./100 ml., citric acid, min. 5.5 g./100 ml., spec. grav. 1.030—1.040, optical rotation (20°C., 200 ml.), + 0.5° to —1.5° V. *Pineapple:* Fruit juice and "optional" additives. *Orange:* sol. solids, min. 10 g./100 ml., citric acid, 0.5-1.9 g./100 ml.

*CANADA (cont.)*

**Concentrated Fruit Juices.** Concd. at least to half orig. vol. Optional: permitted colour, vitamin C, stannous chloride; otherwise as for Fruit Juices.

## COCOA, CHOCOLATE, AND SUGAR CONFECTIONERY

**Chocolate Liquor, Chocolate, Plain Chocolate, Bitter Chocolate.** Cocoa butter, min. 50%; on dry fat-free matter: crude fibre, max. 7%, total ash, max. 8% (proportionately higher if alkalized), ash insol. in HCl, max. 0.4%. Alkalization: with alkali hydroxides, carbonates, max. 3% as $K_2CO_3$.

**Cocoa Powder.** Breakfast cocoa pdr.: fat, min. 22%. Cocoa pdr. with less than 10% fat to be sold as "low fat". Emulsifier, max. 0.5%.

**Sweet Chocolate, Sweet Chocolate Coating.** Fat-free dry matter as for chocolate liquor; 25% of the sugar may be dextrose. Emulsifier max. 0.5%. Coumarin prohibd.

**Milk Chocolate.** Whole milk solids, min. 12%; 25% of the sugar may be dextrose. Emulsifier, max. 0.5%

**Chocolate Drink.** Milk or skim milk, cocoa or choc., sweetening agent; optional: stabilizer, salt, food colours, flavouring preps. acid-reducing salts, Milk fat, min 2.0%. Bacteria, max. 50,000/ml Labelling: statement of % milk fat.

**Cocoa Butter.** Refract. ind., $N_D^{40}$ 1.453—1.458; iodine value, 32—41; saponif. value 188—202; acid value, max. 5.0.

**Sugar Confectionery.** Mineral oil, max. 0.3% allowed if in good manufacturing practice. Coumarin prohbd.

**Chewing Gum.** May contain paraffin wax base, tannic acid.

## DIETARY FOODS

Label or advertising statements implying a special dietary use require label declar. of type of diet for which recommended. If low sodium content claimed, declar. of this in mg./100 g. If calorie claims, declar. of cal./100 g. Saccharin or cyclohexylsulphamic acid or their salts permitted (declar. by name, with prescribed statement). Special dietary bakery products: glycogenic carbohydr. max. half that in normal food of same class. Detailed regulations on vitamins and minerals in foods.

## FATS AND OILS

**Antioxidants.** Veg. and animal fats and oils may contain Class IV preservatives (see p. 640) (declar. by name).

**Lard.** Subst. other than fatty acids and fat, max. 1%.

**Shortening.** Optional: permitted antioxidants (declar.); antifoaming agent; stearyl monoglyceridyl citrate; monoglycerides, max. 10% or a mixture of mono- and diglycerides, total max. 20%, lactylated monoglycerides or combination with diglycerides, max. 8%.

**Monoglycerides, Mono- and Diglycerides.** Glyceryl derivs. of fat-forming fatty acids. May contain glycine, max. 0.02%; phosphoric acid; glycerol, max. 2.5%; permitted antioxidants (declar.).

**Shredded Suet.** Optional: cereal, max. 3%; salt, max. 1%.

## FISH PRODUCTS

**Canned Fish, Canned Shellfish.** Labelling (imports): kind and quality of contents; min. wt. avdp. of contents (canned fish) or of dry meat in can (canned shellfish); place of origin; name and address of packer or importer. Declar. of citric acid in canned shellfish and mackerel.

**Fish Paste or Spread, etc.** Filler and binder, max. 4%, calcd. as dextrose (official method). (See under meat paste for definition of filler.) Water: not more than in the fresh fish, with max. 70% if filler present. Labelling: if any fish named, a complete list of all fish used must be given, in descending order of proportion.

**Fish protein.** Protein, min. 75%; bacteria, max. 10,000/g, no *E. coli*; phosphoric acid (optional).

**Binder for Fish Paste, etc.** Any combn. of filler (as for meat products), salt, sugar, glucose, dextrose, spices, and other seasonings. Labelling: directions for use in accordance with limits for cereal content in product in which used.

**Colouring Matter.** Only in smoked fish, lobster paste, and fish roe (caviar) (declar. for lobster and fish roe).

**Preservatives.** Certain class I preserv. permitted in fish products. Sorbic acid and salts (declar.) in smoked or salted dried fish, and benzoic acid and salts (declar.) in marinated and similar products.

**Antibiotics.** Chlortetracycline, oxytetracycline, total max. 5 p.p.m. (declar. of one or both by name on main panel).

## FLOUR AND FLOUR PRODUCTS

**Flour (White).** Moisture, max. 15%; ash, max. 1.20% (on dry matter); bolted through cloth with openings, max. 149 microns. Optional: malted wheat flour, malted barley flour (max. 0.50%); harmless prepn. of enzymes of *A. flavus oryzae*; chlorine, $ClO_2$ (declar. "Bleached", and "Maturing agents added"; benzoyl peroxide (declar. "Bleached"), max. 100 p.p.m., with max. 6 times its wt. of one or a mixture of: calcium carbonate, calcium sulphate, dicalcium phosphate, mag. carb., potass. alumin. sulphate, sod. alumin. sulphate, starch, tricalcium phosphate; potass. bromate, max. 50 p.p.m., ammon. persulphate, max. 250 p.p.m.. ammon. chloride, max. 2000 p.p.m. acetone peroxide, azodicarbonamide, max. 45 p.p.m. ascorbic acid, 200 p.p.m., l-cysteine (hydrochlorde), 90 p.p.m. (declar. for these: "Maturing agents added").

**Special Flours.** Standards also for Enriched Flour, Vitamin B White Flour, Enriched Vitamin B White Flour, Whole Wheat Flour, Graham Flour, Gluten Flour.

**Alimentary Pastes.** Noodles, etc. sold as containing egg must contain at least 4% egg yolk solids (on dry basis.)

**Bakery Products.** (cakes, biscuits, pies, etc.). Optional: permitted colour (declar.); sorbic acid and Ca, K, Na salts, max. 1000 p.p.m.; propionic acid and Ca, Na salts, max. 2000 p.p.m.; sod. diacetate, max. 3000 p.p.m. Special certificate required for Christmas puddings made with suet.

## FLOUR CONFECTIONERY MATERIALS

**Lemon Curd, Fruit Curd.** Optional: permitted colour; artif. flav.; preserv., $SO_2$, max. 500 p.p.m., sorbic or benzoic acid, max. 1000 p.p.m. (declar. by name).

**Canned Fruits.** Optional: sugar, invert sugar, dextrose, glucose, citric acid (canned pears only), firming agent (canned apples only). Added colour prohibd.

*CANADA* (*cont.*)

## FRUIT AND VEGETABLE PRODUCTS

**Canned Vegetables.** Optional: sugar, invert sugar, dextrose, salt, firming agent (calc. chloride, citrate, sulphate, or mono-calc. phosphate, max. 0.026% as Ca.—declar.). Added colour prohibd.

**Canned Mushrooms.** Optional: ascorbic acid and salt.

**Canned Peas.** Optional: calc. hydroxide, max. 0.01% $Ca(OH)_2$, magnes. hydroxide, max. 0.05% $Mg(OH)_2$ (declar. "Alkalis Added"). Added colour prohibd.

**Canned Tomatoes.** Drained tomato solids, min. 50% (official method). Optional: as above, also citric acid. Mould count as tomato juice.

**Tomato Juice.** No dilution. Optional: salt, sugar, invert sugar, dextrose (declar. by name). Mould count (Howard test), max. 25% positive.

**Tomato Pulp, Puree.** Sp. gr. (20°/20°), min. 1.050. Optional: salt (declar.). Class II Preserv. Mould count, max. 50% positive.

**Tomato Paste.** Tomato solids, min. 20%. Optional: salt (declar.). Class II preserv. Mould count as for Pulp.

**Concentrated Tomato Paste.** Tomato solids, min. 30%. Otherwise as for Paste.

**Tomato Ketchup.** Optional: preserv. (declar.) $SO_2$, max. 500 p.p.m., sorbic acid, max. 1000 p.p.m. or benzoic acid, max. 1000 p.p.m., permitted colour (declar.). Mould count, max. 50% positive fields. Use of trimmings requires declar.

**Glacé Fruit.** Optional: glucose; artif. flav. (declar.); permitted colour (declar.); $SO_2$, max. 500 p.p.m., sorbic or benzoic acid, max. 1000 p.p.m. (declar. by name).

**Jams.** Prepd. from fresh fruit, fruit pulp, or canned fruit and sweetening agent. Optional: pectins or acids to compensate for deficiencies in fruit; class II preservative (declar. by name): $SO_2$, max. 500 p.p.m.; benzoic or sorbic acids, max. 1000 p.p.m.; pH adjusting agent; anti-foaming agent. *Three grades:* **(1)** Named fruit, min. 45% (strawberry, 52%). Sol. solids (by refract.), min. 66%. Optional ingredients as above. No apple or rhubarb. Labelling: if no preserv., "pure", "genuine", or similar, may be used. **(2)** Named fruit, min. 27% (strawberry, 32%). Sol. solids as **(1)**. Must contain added pectin (no limit). Optional ingredients as given above and permitted colour (declar). No apple or rhubarb. Labelling: description as ". . . jam with added pectin"; no use of word "pure", etc. **(3)** Apple or rhubarb mixtures. Named fruit, min. 12.5% (strawberry, 15%). Apple or rhubarb pulp, min. 20%. Sol. solids and optional ingredients as given above and permitted colour (declar.). Declar. for added pectin.

**Preserves or Conserves.** Sol. solids, min. 60%. Fruit content, min. 45 lb. per 55 lb. sugar, invert sugar or dextrose. No special requirement for the condition of the fruit in preserves as distinct from jams. No apple or rhubarb.

**Fruit Jellies.** Sol. solids, min. 62%. Optional in all: sweetening agent, acids as for jams. *Two grades:* (1) No min. for fruit juice. Pectin as for jams (grade 1). (2) Fruit juice, min. 32%. Must contain added pectin. Optional: gelatine, agar, carrageen; permitted colour; preserv. as for jams (declar. for all). Labelling: no use of word "pure", etc.

**Citrus Marmalades.** Prepd. from peel, pulp or juice and sweetening agent. Sol. solids, min. 65%. Optional: acids as for jams, pH adjusting and foaming agents. *Two grades:* (1) No min. for fruit. (2) Fruit, min. 27% of any combination of peel, pulp or juice of named citrus fruit. Must contain added pectin. Class II preservative as for jams.

**Pineapple, Fig, Ginger Marmalades.** Sol. solids, min. 65%, Optional: as for citrus marmalades. *Two grades:* (1) Fruit, min. 45%. (2) Fruit, min. 27%. Optional: permitted colour (declar.), Class II preserv., as for jams (grade 2).

**Mint Jelly.** Mint juice with or without leaves (no min.) Optional: flavouring prep.; permitted colour; acids as for jams; pectin.

**Mincemeat.** Suet, fruit or dried fruit, salt, spices, sweetening agent, thickening agent, citric acid and caramel (declar.). Optional: vinegar, fruit juice (fresh, concd. or fermented), spirituous liquor, nuts, cooked meat, preserv. (declar.) as for jam. Special certificate required for entry on account of suet as "meat" ingred.

## GELATINE AND GELATINE PREPARATIONS

**Gelatine.** Ash-free solids, min. 82%. Ash, max. 2.6% of dry matter. Preserv.: $SO_2$, max. 500 p.p.m. Bacteria, max. 10,000/g. No coli-aerogenes in 0.01 g. Special certificate required for entry.

**Jelly Powders, Tablets.** Optional: permitted colour (no declar.).

## MEAT PRODUCTS

Note: Meat or meat products from animals fed diethylstilbestrol (DES) prohibited.

**Meat Paste or Spread, Potted Meat, Meat Loaf, Meat Roll, Meat Lunch, Luncheon Meat.** Filler, meat binder, etc., max. 4%, calc. as dextrose (official method). "Filler" includes: flour or meal from grain or potato (not legume); processed wheat flour of min. 80% dextrose equiv.; bread, bread roll or bakery product; milk, skim milk, buttermilk or whey powder. Water, not more than in the fresh meat or by-product, with max. 60% if filler present. Optional: filler, meat binder, salt, sugar, dextrose, glucose, spices, other seasonings, eggs (not in paste, spread or potted meat), modif. dried skim milk, max. 3%, milk, glucono-delta-lactone, partially defatted pork or beef fatty tissue, gelling agent (declar. of latter, or word "jellied" in name of food). Labelling: if one kind of meat mentioned, all meats present to be listed in descending order of amt. (list may form part of name). Label on pastes or spreads must indicate the ingredients.

**Meat Binder.** Any combn. of filler, salt, sugar, glucose, dextrose, dried corn syrup solids, spices and other seasoning except tomato. If for use in salted, pickled, corned, cured or smoked meat, may contain $KNO_3$, $KNO_2$, $NaNO_3$, $NaNO_2$, ascorbic, erythorbic acids and their Na salts and $NaCo_3$. If for use in prepd. meat or by-product (meat paste, etc.) in which gelling agent allowed, may contain gelling agent. Labelling: directions for use in accordance with limits for cereal and nitrite content in product in which used.

**Salted, Pickled, Corned, Cured, Smoked Meats.** Optional: Class I preserv. (see p. 638).

*CANADA (cont.)*

**Pumping Pickle.** Optional: Class I preserv., citric acid and Na salt, certain sugars, salt, spices, seasoning, vinegar, sod. bicarb., sod. hydroxide and (for cured pork and beef cuts only) sod. phosphates (mono-, di-, meta-, pyro-, etc.), max. 0.5%. In dry cure, anticaking agent or humectant.

**Canned Poultry.** Optional: attached bones or pieces of bone, broth, salt, seasoning, gelling agent, small amts. fat. (Declar. of gelling agent, or word "jellied".) Boneless pack: poultry flesh, min. 50%; broth used: poultry broth s.g. min. 1,000 at 50°C.

**Poultry Paste.** Filler (as for meat paste), etc., max. 4% as dextrose. Moisture (when filler present), max. 60%.

**Gelling Agents.** Include gelatine, agar, Irish moss gelose. Agar: total ash, max. 7%; ash insol. in HCl, max. 1%.

**Meat Extract.** Total solids, min. 75%.On ,dry matter: NaCl, max. 12%; fat max. 0.6%; ash, max. 27%; total nitrogen, min. 12%. Nitrogen comps. to contain min. 40% total meat bases, and min. 10% creatin and creatinine.

**Fluid Meat Extract.** Total solids, min. 50%. Otherwise as for meat extract.

**Soup Cubes, Bouillon Cubes.** Labelling: list of ingreds. reqd.

## SPICES, CONDIMENTS, AND FLAVOURINGS

**Spices and Herbs.** Numerical standards for ash, fibre, starch, etc., in a large number of spices. Ethylene oxide for fumigation (not for mixtures cont. salt), max. 1500 p.p.m. ethylene chlorhydrin residue.

**Mustard.** Ash, max. 8% on oil-free basis; natural starch, max. 1.5%; volatile mustard oil, min. 0.40%.

**Curry Powder.** Salt, max. 5%.

**Onion Salt, Garlic Salt, Celery Salt.** Salt, max. 75%. Optional (onion and garlic salt): anti-caking agent, max. 2%.

**Celery Pepper.** Ground black pepper, max. 70%.

**Salt (Table).** Must contain 0.01% potass. iodide (declar.). Optional: calcium sulphate, max. 1.4%; material to prevent caking (max. 2% in *free-running flour salt*). Impuriites other than calcium sulphate, max. 0.1%. 13 p.p.m. Na ferrocyanide in dendritic crystals. 10 p.p.m. polysorbate 80 for coarse salt. Dextrose Na thiosulphate, or Na bicarbonate as iodide stabilizer.

**Flavours and Essences.** Min. limits for active constituents of many natural flav. essences or extracts. Vehicles: water, ethyl alcohol, glycerine, and propylene glycol, or mixtures of these; also (but not in essences or extracts) edible veg. oil. Optional: sugars, dextrose, glucose, honey, permitted colour, preserv. ($SO_2$, max. 500 p.p.m., or benzoic acid, max. 1000 p.p.m. or sorbic acid, max. 1000 p.p.m.), permitted antioxidant (see p. 638). Fortified fruit extracts, essences or flavours: derived from named fruit with addition of other natural extractives; min. 51% of flav. strength from ingred. by which named. Vanilla extr.: in 100 ml at least quantity of sol. substances in nat. proportions extractable from min. 10 g of beans (max. 25% moisture) or min. 7.5 g of beans on moisture-free basis (min. 25% moisture). No added colour. *Prohibited:* coumarin, tonka bean extract, dihydrosafrole, *iso*safrole; oils of sassafras, camphor, sassafrassy and micranthum; safrole.

## SUGARS AND SUGAR PRODUCTS

**Icing Sugar.** Optional: starch or anti-caking agent, max. 5%; permitted colour (no declar.).

**Refiners' Syrup, Refiners' Molasses.** Moisture, max. 25%; sulphated ash, max. 12%. Optional: $SO_2$, max. 500 p.p.m.

**Glucose.** Moisture, max. 22%; ash, max. 1%; reducing sugars as dextrose, min. 40% (on dry matter). Optional: $SO_2$, max. 500 p.p.m.

## VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** Acetic acid, min. 4.1%; max. 12.3% (max. does not apply to vinegar "for manufacturing use only" if so labelled and invoiced, etc.). Optional: caramel colour (except in spirit vinegar or its blends). Malt vinegar: to be dextro-rotatory; total solids, min. 1.8 g./100 ml.; ash, min. 0.2 g./100 ml. Blended vinegar: spirit vinegar to contribute max. 55% of total acetic acid; if any variety named, a complete list to be given in descending order of amts. based on acetic acid content. Labelling: if any ref. to strength, declar. of % acetic acid reqd.

| | *Arsenic* p.p.m. | *Lead* p.p.m. | *Copper* p.p.m. | *Zinc* p.p.m. | *Fluorine* p.p.m. |
|---|---|---|---|---|---|
| Citric and tartaric acids | 1 | 10 | 50 | 50 | 2 |
| Cream of tartar .. .. | 2 | 20 | 50 | 50 | 2 |
| Sodium bicarbonate .. | 2 | 5 | 50 | 50 | 2 |
| Baking powder .. .. | 2 | 10 | 50 | 50 | 10 |
| Phosphoric acid .. .. | 4 | 5 | 30 | 30 | 20 |
| Calcium phosphate .. | 4 | 5 | 30 | 30 | 30 |
| Sodium, potass. and ammon. phosphates .. | 4 | 5 | 30 | 30 | 20 |
| Sodium and potassium nitrates .. .. .. | 1 | 10 | 50 | 50 | 2 |
| Sodium nitrite .. .. | 1 | 20 | 50 | 50 | 2 |
| Compounds of aluminium | 3 | 10 | 50 | 50 | 2 |
| Marine and fresh water animal products .. | 5 | 10 | 100 | 100 | 25 |
| Liver .. .. .. .. | 1 | 2 | 150 | 100 | 2 |
| Gelatine .. .. .. .. | 2 | 7 | 30 | 100 | 2 |
| Gelling agents except gelatine .. .. .. | 2 | 20 | 50 | 200 | 2 |
| Dried herbs and spices .. | 5 | 10 | 50 | 50 | 20 |
| Apple juice .. .. .. | 0.2 | 0.5 | 2 | 5 | 2 |
| Other fruit juices .. .. | 0.1 | 0.2 | 2 | 5 | 1 |
| Beverages as consumed and bottled water .. | 0.1 | 0.2 | 2 | 5 | 2 |
| Tea .. .. .. .. .. | 1 | 10 | 150 | 50 | 100 |
| Fresh fruits .. .. .. | 2 | 7 | 50 | 50 | 2 |
| Fresh vegetables .. .. | 1 | 2 | 50 | 50 | 2 |
| Edible bone meal .. | 1 | 10 | 20 | 150 | 650 |
| Fish protein .. .. .. | 3.5 | 0.5 | — | — | 150 |

*CANADA (cont.)*

**Pickles.** Veg. or fruits with salt. Optional: vinegar, sugar, invert sugar, glucose or dextrose, spices, seasonings, permitted colour (declar.), Class II preserv. (declar. by name), firming agent, polysorbate 80, max. 0.05%, lactic acid, vegetable oils. Thickener in Mustard Pickles and Relishes only.

**Sauces.** Optional: caramel colour, thickening agents.

**Salad Dressings, etc.** Mayonnaise: veg. oil, min. 65%; egg yolk required, but no min.; acid ingred. must include vinegar or lemon juice, and citric, tartaric, or lactic acid optional. No turmeric or saffron in the spice or seasoning. Salad dressing: veg. oil, min. 35%; otherwise as for mayonnaise, but with cereal; optional: emulsifier; xanthan gum. French dressing: as salad dressing, but without cereal.

## LIMITS FOR METALLIC, ETC. CONTAMINATION

Tolerances only as in Table above.

**Mineral Oil**: Only where reqd. in production, and use cannot be avoided in good practice: max. 0.3%.

**Insecticidal and Fungicidal Residues**: Tolerances for a wide range of substances on listed fruits and veg.

## FOOD ADDITIVES

Permitted lists include anti-caking, bleaching, etc., thickening, firming, glazing, release, anti-foaming, pH adjusting, sequestering and starch modifying agents, food enzymes, artificial sweeteners, pesticides.

**Colours.** See Tables, pp. 800-806. Synthetic colours limited to 300 p.p.m. in total but the following must not exceed (in total) 100 p.p.m.: Brilliant Blue FCF and Fast Green FCF.

**Acids.** The usual food acids and adipic, fumaric, malic and gluconic acids are permitted in unstandardised foods and "good manufacturing practice".

**Preservatives and Antioxidants.** In foods for which a standard is laid down, no preserv. may be used unless permitted as one of the optional ingreds. In general, declaration of the presence of preserv. is reqd., except for sulphur dioxide and its salts in glucose and in syrups or confectionery containing glucose; in malt liquor, molasses, refiners' syrup, sugar-cane syrup and wine; and for Class III preserv. in bread, bakery products, cheese and processed cheese.

Class I preservs. are the "natural" ones, salt, sugar, dextrose, glucose, alcohol, acetic acid, ascorbic and erythorbic acid and their salts, potassium and sodium nitrates and nitrites, wood smoke, vinegar, spices. Class II preservs. are, benzoic acid, methyl and propyl *p*-hydroxy-benzoic acid, sulphurous acid and sorbic acid and their salts with the following limits: benzoic acids, 1000 p.p.m.; sorbic, 1000 p.p.m.; $SO_2$, 100 p.p.m. in beverages as prepared for consumption according to label directions, 2500 p.p.m. in dried fruits and vegetables, 500 p.p.m. in other foods. These preservs. must not be used together. Class III includes propionic acid and its salts, max. 2000 p.p.m., sorbic acid and its salts, max. 1000 p.p.m. and sod. diacetate, max. 3000 p.p.m. Class IV (usable in veg. and animal fats and oils, except milk fat) comprises the antioxidants gum guaiacum, vegetable oil containing tocopherols, lecithin, citric, tartaric and ascorbic acids, propyl gallate, butylated hydroxyanisole, butylated hydroxytoluene, ascorbyl palmitate and monoisopropyl citrate. Not more than 0.02% of BHA, BHT, PG or a combination of them in fats and oils. Different limits in other foods. A harmless carrier may be also used (limit includes carrier).

## CONTAINERS

Specific sizes of containers (metal or glass) are laid down for certain classes of canned foods, *e.g.* soups, spaghetti with meat or meat sauce, pork and beans, canned fruits, canned vegetables, jam.

## LABELLING

On the main panel of the inner (*i.e.*, on immediate container) and the outer (on the outside of the package) label must be stated, legibly and conspicuously, the brand or trade name (if any), the common name of the food, and (in close proximity to it, in bold-face type of prescribed size according to area of label, with exceptions for food and drinks in glass containers and standard-size packages of margarine and fats) a declaration of net content in metric *and* avoirdupois units together (there are exceptions). Unless latter is given in terms of minimum weight, measure or number, tolerances are allowed as follows: (a) a variation exclusively due to weighing which occurs in packaging, but only if mean net wt. of 10 packages is not less than declared net wt. by an amt. greater than 0.19R (where R is difference between extremes of net wt. in the 10); (b) any variation due to unavoidable differences in the capacity of containers, (c) any variation due to ordinary and customary exposure to evaporation or absorption of water under normal atmospheric conditions. No toleration of intentional packing or filling to a level consistently below declared net contents.

Also on the inner and outer labels (but not necessarily on the main panel) must be grouped together the name and address of the manufacturer, a complete list of ingreds. (if more than one) by their common names and in descending order of proportions (unless each is stated in percentage or proportion present), a declaration (when required) by name of any Class II, III or IV preservative, and declarations of any added colour, artif. or imitation flav. prepn. Exceptions to the declaration of ingreds. are as follows: bakery products, black pudding, blood pudding, white pudding, confectionery, flavouring preparations, gelatine desserts, non-nutritive seasoning sauces, pastry spice, pickling spice, poultry seasoning, coal tar colour prepns., soft drinks, soups, and any food for which a standard is prescribed. With these excepted substances, however, if any ingred. not reqd. to be declared, or not included in the common name of the food or used to distinguish it, is mentioned on the label or otherwise, then all the ingreds. must be listed.

Declar. of added colour is not requd. for bakery products (except brown bread), butter, cheese and processed cheese, confectionery, gelatine desserts, ice cream, ice milk, icing sugar, liqueurs, alcoholic cordials, sherbet, smoked fish, soft drinks, dairy drinks. No declar. of caramel in non-excisable fermented beverages, sauces, spirits (except gin), vinegar (except spirit

*CANADA (cont.)*

vinegar and its blends), wine. Declar. of added artif. or imitation flav. prepns. is not requd. for bakery products, confectionery, ice cream, ice milk, sherbet, liqueurs, alcoholic cordials, soft drinks, dairy drinks.

No reference must be made in labels or in advertisements to the Food and Drugs Act or to the Food and Drug Regulations unless requd. by Act or Regulations.

In labelling foods sold as *compounds*, the word "compound" or "mixture" must be a part of the name, and must be at least as legible and conspicuous as the name of the predominating ingred. for which the compound is named. Inner and outer labels (except for compound flav. prepns.) must show the percentage (not less than 51% by weight) of the predominating ingred., and names of other ingreds.

In labelling foods sold as substitutes or the like, the word "substitute" or the like must be a part of the name, as legibly and conspicuously as the name of the food substituted. On the inner and outer labels must be shown the common names of all ingreds. in descending order of proportions.

Special regulations cover the sale of food for test marketing.

Bilingual labelling compulsory.

## † U.S.A. FEDERAL

### GENERAL NOTE

Foods indicated by an asterisk are those for which precise names, definitions and standards of identity have been formulated. The composition must conform with these standards, and only substances shown in these standards as permissible additions may be added to these foods. Declaration of the presence of such additions is only necessary if such is required by the standard, and must then be in specified wording. For all other foods, the label must bear a list of all ingredients present (see under "Labelling").

### BEVERAGES, NON-ALCOHOLIC

***Soda Water (Carbonated Beverages).** $CO_2$ min. 1 atmos. at 60°F. Alcohol max. 0.5%

**Optional ingredients:** sugar, invert, dextrose, glucose syrup, sorbitol; fruit juices, nat. and art. flavours and colours; acetic, adipic, citric, fumaric, lactic, malic, phosphoric, tartaric acids; buffering salts; locust bean gum, glycerol ester of wood rosin, gums guar, acacia, and tragacanth, hydroxylated lecithin, lecithin, methyl cellulose, mono- and diglycerides of fatty acids, pectin, polyglycerol esters of fatty acids, propylene glycol alginate, sod. alginate, sod. carboxymethylcellulose, sod. hexametaphosphate; ammoniated glycyrrhizin, gum ghatti, licorice, yucca; caffeine (max. 0.02%); quinine (max. 83 p.p.m.); ascorbic acid, benzoic acid, BHA, BHT, cal. disod. EDTA, erythorbic acid, glucose-oxidase-catalase, methyl or propyl paraben, propyl gallate, pot. or sod. benzoates, sulphites or sorbates, sorbic acid, $SO_2$ tocopherols. For canned soda water: stannous chloride, max. 11 p.p.m., dimethyl polysiloxane, max. 10 p.p.m.

**Labelling:** If not flav. or sweetened, name is "soda water," "club soda" or "plain soda"; if flav. and sweetened, ". . . soda" (e.g. "grape soda") or ". . . carbonated beverage," but common names such as "ginger ale" or "root beer," or a proprietary name commonly used by the public may be used. Waters containing caffeine, art. flavour or colour must be labelled accordingly; preservatives (incl. antioxidants) must be declared by name; if quinine salts present, word "quinine" must appear prominently in name of article or by separate declaration.

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†*q.v. see general notes, p.* 617.

## COCOA, CHOCOLATE, AND SUGAR CONFECTIONERY

***Cocoa Nib.** Shell, max. 1.75% (by A.O.A.C. method). Optional: alkalization (declar.) with bicarb., carb., or hydroxide of sod., potass. or ammon.; or $MgCO_3$ or MgO; or with any mixture of these. Total added alkali, max. 3% (as $K_2CO_3$).

***Chocolate Liquor, Chocolate, Bitter Chocolate, Baking Chocolate, Cooking Chocolate, Chocolate Coating, Bitter Chocolate Coating.** Cocoa butter, min. 50%, max. 58%. Optional: alkalis as for Cocoa Nib; ground spice (declar.); ground vanilla beans (declar.); any natural food flav. oil, oleoresin, or extract (declar.); vanillin, ethyl vanillin, or other artif. food flavouring (not coumarin), (all declar.); butter, milk fat, dried malted cereal extract, ground coffee, ground nut meats (all declar.); salt. No flav. ingred. which simulates flav. of choc ., milk or butter.

***Breakfast Cocoa, High Fat Cocoa.** Cocoa butter, min. 22%. Optional as for chocolate liquor (except butter, etc.).

***Cocoa, Medium Fat Cocoa.** Cocoa butter, min. 10%, max. 22%. Otherwise as for breakfast cocoa.

***Low-Fat Cocoa.** Cocoa butter, less than 10%.

***Sweet Chocolate, Sweet Chocolate Coating.** Choc. liquor content, min. 15% (calc. as 2.2 × % fat-, alkali-, flavouring-free cacao material). Optional: as for chocolate liquor; also honey, molasses, brown sugar, maple sugar; as emulsifier (declar.), lecithin (max. 0.5%), or mono- and diglycerides of fat acids in combn. with their monosod. phosphate derivatives (max. 0.5%), or mixtures of the two types of emulsifier, (total max. 0.5%) sorbitan monostearate, max. 1%; polysorbate 60, max. 0.5% (total max. of last three emulsifiers max. 1.0%); butter or milk ingred., if less than 12% milk solids in finished product. Sweetening ingreds.: sugar; mixtures of dextrose and sugar, with dextrose solids max. one-third of total sweetening solids; mixtures of dried glucose syrup and sugar, with glucose syrup solids max. one-fourth of total sweetening solids; mixtures of sugar, dextrose, glucose syrup solids in which 3 × solids of dextrose plus 4 × glucose syrup solids is not more than total wt. of sweetening solids.

***Milk Chocolate, Sweet Milk Chocolate, Milk Chocolate Coating, Sweet Milk Chocolate Coating.** Milk fat, min. 3.66%; milk solids, min. 12%; choc. liquor, min. 10%. Non-fat dry milk, max. 2.43 times, min. 1.20 times, wt. of milk fat. Optional and sweetening ingreds. as for sweet chocolate.

***Skim Milk Chocolate, Sweet Skim Milk Chocolate, etc.** Milk fat, less than 3.66%; skim milk solids, min. 12%. Otherwise as for milk chocolate.

***Buttermilk Chocolate, Buttermilk Chocolate Coating.** Milk fat, less than 3.66%; sweet cream buttermilk solids, min. 12%. Otherwise as for milk chocolate.

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* *See beginning of section.*

*U.S.A. (FEDERAL) (cont.)*

***Mixed Dairy Product Chocolate or Coating.** Dairy ingreds. may be two or more of: full cream milk products, skim milk products, sweet cream buttermilk products, malted milk. Milk fat may be less than 3.66%; milk solids, min. 12%. No component to contribute less than one-third amt. of milk solids contribd. by component used in largest proportion. When mixture is of full cream and skim milk products, non-fat milk solids will exceed 2.43 times the milk fat. Name of product must include names of dairy ingreds. used, in order of wts. present.

***Sweet Chocolate and Vegetable Fat (Other than Cacao Fat) Coating.** As for sweet chocolate, but containing one or more veg. fats or oils (other than cocoa butter), with a melting pt. below that of cocoa butter. The fat may be hydrogenated. Milk solids, no max. limit.

***Sweet Cocoa and Vegetable Fat (Other than Cacao Fat) Coating.** As for sweet chocolate, but with cocoa instead of choc. liquor, and with one or more veg. fats, oils, or stearins, with a melting pt. higher than that of cocoa butter. The fat may be hydrogenated. Fat-, alkali-, flavour-free cocoa, min. 6.8%. Milk solids, no max. limit.

**Chocolate-covered Confectionery.** The couverture must comply with above requirements for kind used, and the correct official designation must be declared in the list of ingreds. Natural or artif. flav. and emulsifiers also to be declared.

**Sugar Confectionery.** Optional: permitted colour (see p. 647); harmless flav. (see p. 648); harmless resinous glaze, max. 0.4%; natural gum; pectin; alcohol, max. 0.5% by vol., solely from flav. extracts; chewing gum containing harmless non-nutritive masticatory substances. Other non-nutritive substances (*e.g.*, artificial sweeteners) permitted if safe and serve some practical purpose. Sod. bicarb., sod. acetate, sod. citrate, sod. and calc. phosphates, cream of tartar, calcium carbonate, and other additives are also permissible (see lists, pp. 649-661). Labelling: list of all ingreds., and statements of artif. colour and natural or artif. flav. reqd. Caramel is an artif. colour; may be declared "coloured with caramel", or similarly.

## CHEESE

*Standards have been issued for a wide variety of cheeses, processed cheeses, cheese foods, cheese spreads and related foods, embodying prescribed methods of preparation, permissible additions, required compositions, etc.

## FATS AND OILS

***Margarine.** The Standard lists optional for ingred., art. colours, flav., preserv., vitamins, BHA and or BHT, max. 0.02% (declar.).

**Rendered Animal Fat** (or shortenings containing animal fat). Optional: monoglycerides, diglycerides. Optional in or with shortening: glyceryl lactostearate, with certain composition requirements, max. 8% of shortening *plus* additive (declar. on shortening and on finished food containing it); also mixtures of mono- and diglycerides and their lactic acid mono-esters, total lactic acid content max. 16%, acid no. max. 14, total free and combined lactic acid in shortening *plus* additive, max. 1.75%. Antioxidants (declar., name and %): (1) guaiac resin, max. 0.1%; (2) tocopherols, max. 0.03%; (3) lecithin; (4) BHA, max. 0.01%; (5) propyl gallate, max. 0.01%; (6) citric and/or phosphoric acid and/or monoisopropyl citrate, max. 0.01%, alone or with (4) or (5). Permitted colouring matters: annatto, carotene, cochineal, green chlorophyll, turmeric and U.S.-certified coal-tar colours as in Table, pp. 800-805, declar. "artificially coloured".

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* *See beginning of section, p. 640.*

## FISH PRODUCTS

***Canned Shrimp.** Standard of fill (non-transparent containers): wet pack, cut-out wt. (official method) min. 64% of water capacity; dry pack, min. 60% of water capacity (except in cans $2\frac{11}{16}$ in. dia. by 4 in. high, for which min. is $6\frac{1}{2}$ oz. per container). Labelling as substandard fill if below. $CaCl_2$ may be added for improving firmness. Ingredients to be declared.

***Canned Oysters.** From whole oysters, broken pieces or cut oysters. Naming: "Oysters", or "Cove Oysters" (if *O. virginica*), "Pacific Oysters" (if *O. gigas*) or "Olympia Oysters" (if *O. lurida*); preceded by "Pieces of" or "Cut" if the pack is of these types; if a mixture, names of types combined in order of predominance by wt. Packing medium: water, and/or liquid draining out before or during processing. Optional: salt. Standard of fill: drained wt. (official method) min. 59% of water capacity.

## FLOUR AND FLOUR PRODUCTS

***Flour (White).** Moisture, max. 15%. Ash, on dry matter, max. 0.35% plus 1/20 of % protein on dry matter. Optional: malted wheat, malted wheat flour; malted barley flour, max. 0.25%; oxides of nitrogen, chlorine, NOCl, $ClO_2$, benzoyl peroxide mixed with max. six times wt. of one or more of potass. alum, $CaSO_4$, $MgCO_3$, sod. alumin. sulphate, dicalcium phosphate, tricalcium phosphate, starch, $CaCO_3$, acetone peroxides, azodicarbonamide (max. 45 p.p.m.). (Bleachers may not be added in amt. more than sufficient for bleaching or, where ageing effect also, for bleaching and ageing; their use must not conceal damage or inferiority or make flour appear better or of greater value than it is.) Labelling: when bleachers used, word "Bleached" required immediately in association with name of food wherever it appears.

***Self-rising Flour.** Acid-reactor to be calcium acid phosphate or sod-acid pyrophos., or both, in sufficient amt. to neutralize the sod. bicarb. Total of acid-reactor and sod. bicarb., max. 4.5% of flour used. $CO_2$ evolution, min. 0.5% (by official method). Optional: salt; bleachers as for flour.

***Semolina.** Moisture, max. 15%; ash, max. 0.92% of dry matter.

***Special Flours.** Standards also for enriched flour, bromated flour, enriched bromated flour, durum flour, enriched self-rising flour, phosphated flour, whole wheat flour, bromated whole wheat flour, whole durum wheat flour, farina, enriched farina.

***Corn Flour (White).** Moisture, max. 15%.

***Macaroni Products.** Total solids, min. 87%. Optional in all: egg-white (liquid, frozen, or dried), solids min. 0.5%, max. 2.0% of finished food; disod. phosphate, min. 0.5%, max. 1.0%; onions,

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**See beginning of section, page 640.*

*U.S.A. (FEDERAL) (cont.)*

celery, garlic, bay leaf; salt; gum gluten, to give protein max. 13% in finished food. Labelling: declar. of disod. phosphate, and of herb seasonings, when present. *Macaroni*, diam. min. 0.11 in., max. 0.27 in. *Spaghetti* (cord or tube), min. 0.06 in., max. 0.11 in. *Vermicelli*, (cords only), max. 0.06 in. Derived products from these as follows. *Milk macaroni products*. Total milk solids, min. 3.8%; non-fat dry milk, max. 2.275 times milk fat. No egg, disod. phosphate. If gluten added, total gluten protein plus flour protein, max. 13%. *Whole-wheat macaroni products*. No egg, disod. phosphate or gum gluten. *Wheat and soy macaroni products*. Soy flour, min. 12.5% of wheat plus soy. Otherwise as for milk macaroni. *Vegetable macaroni products*. Contain tomato, artichoke, beet, carrot, parsley or spinach; veg. dry matter, min. 3%. Otherwise as for milk macaroni. *Macaroni products made with non-fat milk* 12-25% milk solids-not-fat. Carrageenan and salts (decl.) optional. No egg white, disod. phosphate or gluten. Otherwise as for Macaroni products. *Enriched macaroni products, Enriched vegetable macaroni products*. As for corresp. prod. and in ea. lb., 4-5 mg. thiamine; 1.7–2.2 mg. riboflavin; 27–34 mg. niacin or niacinamide; 13–16.5 mg. iron (Fe). Vit. D optional, 250–1000 U.S. P. units.

***Noodle Products.** As macaroni products, but with egg yolk or whole egg with no disod. phosphate. Egg solids, min. 5.5% of total solids. Varieties are noodles, egg noodles (ribbon-shaped), and egg macaroni, egg spaghetti, egg vermicelli. Wheat and soy noodle products, veg. noodle products, as for corresp. macaroni products, with egg as for noodles, enriched noodle products, enriched veg. noodle products as for corresp. macaroni products but no carrot in enriched veg. noodle products.

## FRUIT AND VEGETABLE PRODUCTS

***Tomato Ketchup, Catsup, Catchup.** Tom. pulp concd., with sugar or sugar and dextrose, salt, vinegar, spices and/or flav., onions and/or garlic. Optional: glucose syrup solids max. ⅓ of total sweetening solids. Labelling: declar. of raw materials (specified wording).

***Tomato Juice.** Unconcd. juice of red or yellow varieties. (If latter, must be designated as such). Optional: homogenization; salt.

***Jams, Preserves.** From fresh, concentrated, frozen or canned fruits only. Fruit content, min. 45 parts fruit per 55 parts of solids of sweetening ingreds. Optional: spice (declar.); vinegar, lemon or lime juice; citric, fumaric, lactic, malic, tartaric acids; pectin; sod. citrate and/or sod. potass. tartrate, max. 3 oz./100 lb. of sweetening ingred.; sod. benzoate and/or benzoic acid (declar.) anti-foaming agents. Sol. solids, min. 68% (blackberry, blueberry, cherry, crabapple, elderberry, grape, grapefruit, huckleberry, loganberry, orange, pineapple, raspberry, rhubarb, strawberry, tangerine, tomato), or min. 65% (apricot, cranberry, damson, fig, gooseberry, greengage, guava, nectarine, peach, pear, plum, quince, red currant). (Citrus marmalades do not come under these regulations). *Mixtures:* any of above fruits up to 5, wt. of each being min. one fifth total wt. of fruit (min. one tenth for pineapple); if any belongs to the 65% solids group, this solids min. applies to mixture. Apple mixtures: apple with any of other fruits (up to 4), wt. of each being min. one fifth and apple max. a half of total wt. of fruit; sol. solids. min. 65%. Sweetening ingreds, (all jams): sugar, invert sugar, dextrose; corn syrup (glucose syrup), solids max. 25% of total sweetening solids; honey, or mixtures of honey with sugars (not glucose), with honey solids min. 40% of total sweetening solids (declar. for honey). Labelling: "preserve" or "jam" coupled with name of fruit used; or with "mixed fruit" and names of fruits present in order of predominance, if any. Declarations in prescribed form.

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* *See beginning of section, page 640.*

**Blackcurrant Jam.** No standard of identity for this jam; hence no legal min. fruit content. Labelling of ingreds. reqd. as for a non-standardized food (see p. 662).

***Fruit Jelly.** "Fruit juice ingred." min. 45 parts per 55 parts sweetening ingred. True wt. of fruit juice ingred. defined as:—

$$F \times \left[ \frac{(\text{Per cent. sol. solids in juice}) \times (\text{Wt. of juice})}{100} - \text{Wt. of sugar or other solids added to juice} \right]$$

where F has values: pomegranate, fig, 5.5; crabapple, 6.5; apricot, cherry, damson, greengage, plum, grape, pineapple, 7.0; apple, quince, 7.5; orange 8.0; peach, 8.5; cranberry, loganberry, raspberry, red currant, 9.5; blackberry, boysenberry, 10.0; grapefruit, 11.0; gooseberry, 12.0; strawberry, 12.5; guava, 13.0. Sol. solids, min. 65%. Mixtures of juices up to five allowed. Optional additions as for jams; also, in apple, crabapple and pineapple: mint flav., permitted green colour (declar. of both); and in apple, crabapple, or mixtures of the two; cinnamon flav. (natural), permitted red colour (declar. of both). Sweetening ingreds. as for jams. Labelling: declarations in prescribed form; mixtures: word "jelly" before or after words "mixed fruit" or the names of fruits concerned, in order of predominance, if any, of weights of juice (as above defined).

***Fruit Butter.** From fresh, frozen, canned, and/or dried fruit (declar. of latter), with skins, seeds, pits [stones] and cores screened out. "Fruit ingred." min. 5 parts per 2 parts sweetening ingred. (but fruit juice, as defined under fruit jelly, may be used instead of sweetening ingred. if not less than half wt. of "fruit ingred."; declar. of name of juice so used.) True wt. of fruit ingredient by formula similar to that for fruit jelly, with following values for F: pear, 6.5; apricot, grape, plum, prune, 7.0; apple, quince, 7.5; peach, 8.5 (no other fruits). Sol. solids, min. 43%. Mixtures up to five allowed (wt. of each, min. 20% of wt. of mixed fruit ingred.). Optional: spice (declar.), acid ingreds. as for jams; salt; natural flavouring (declar.). Sweetening ingreds. as for jams, with optional addition of brown sugar or invert brown sugar syrup. Labelling: as for fruit jelly.

**Orange Marmalades.** No Food Law standards. Following are U.S. Dept. of Agric. standards, for use in Govt. purchases and commerce. Bitter orange marmalade: min. 25 parts (bitter) orange fruit ingred. per 75 parts sweetening ingred. Sol. solids, min. 68%. Optional additions: food acids, food pectins, lemon juice, lemon peel. Sweetening ingreds. include dextrose, glucose syrup. "Styles" are "sliced" (peel in thin strips) and "chopped" (peel

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* *See beginning of section, page 640.*

*U.S.A. (FEDERAL) (cont.)*

in small pieces, *e.g.*, irregular, or dice-like). "Type I, Clear": peel in translucent semi-solid or gel-like mass. "Type II, Natural": peel in cloudy or opaque semi-solid or gel-like mass. "U.S. Grade A" (Fancy) and "U.S. Grade B" (Choice) defined on a scoring of quality factors. "U.S. Grade D" (Substandard) below Grade B requirement. U.S. Dept. of Agric. standards also for sweet orange marmalade, sweet and bitter orange marmalade (both 30 parts fruit to 70 parts sugar).

## GELATINE (EDIBLE)

Tolerance for arsenic ($As_2O_3$), 1.4 p.p.m.; copper, 30 p.p.m., zinc, 100 p.p.m.

## MEAT PRODUCTS

**Cured Hams, Pork Shoulder Picnics.** Pumping pickle may contain monosod. phos., disod. phosphate, sod. hexametaphosphate, sod. tripolyphosphate, sod. pyrophosphate, sod. acid pyrophosphate; max. 0.5% added phosphate in finished product. Pickle for pumping, curing or packing may contain max. 75 oz. ascorbic acid or sod. ascorbate per 100 gal. pickle.

**Potted Meat, Devilled Meat.** No cereal, veg. flour, dried milk, etc.

**Luncheon Meat, Meat Loaf.** Water, max. 3% allowed; if used, must be included in list of ingreds; glucose syrup, max. 2% (as dry solids) of all ingreds. used.

**Ham Spread, Tongue Spread, etc.** Min. 50% of meat named, in addition to any other meat or meat by-product (including fat).

**Devilled Ham.** Fat, max. 35%. Moisture, max. as in the fresh meat.

**Liver Sausage, Liver Paste, Loaf, etc.** Liver, min. 30%.

**Meat Stews.** Min. 25% of meat named, calcd. on wt. of the fresh meat.

**Meat Extract.** Moisture, max. 25%.

**Fluid Extract of Meat.** Moisture, max. 50%.

**Meat Products Generally.** Optional: salt, approved sugars (sucrose, maple sugar, dextrose, invert, honey, glucose syrup or solids), wood smoke, vinegar, flavourings, spices, sod. and pot. nitrate, sod. and pot. nitrite. In cooked, cured, comminuted, meat food products: ascorbic acid, max. ¾ oz. per 100lbs. product. Use of nitrites and nitrates must not result in over 200 p.p.m. nitrite in finished product. Labelling: list of ingredients in order of predominance; labels must be submitted for approval of Meat Inspection Division, Washington (if meat is from sheep, cattle, pigs, or goats).

**Canned Meat Products (Imports).** Official meat-inspection certificate reqd. for all meat products.
Max. 0.25% of unsound or suspicious cans or both (leakers, swells, short vacuum, over-stuffed).

## VINEGAR PRODUCTS

***Mayonnaise, Mayonnaise Dressing.** Veg. oil, min. 65%. Acid ingred.: (1) vinegar or diluted vinegar, acidity min. 2.5% by wt. (as acetic acid), optionally with citric acid (declar.) max. 25% of wt. of acids of vinegar present; and/or (2) lemon or lime juice or dilutions of same, acidity min. 2.5% by wt. (as citric acid). Egg yolk ingred.: liquid or frozen yolks or whole eggs; optional, liquid or frozen egg white.

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* *See beginning of section, page 640.*

Ca. disod. EDTA or disod. EDTA or mixt., max. 75 p.p.m. (decl.). Optional ingred.: salt; sugar, dextrose, glucose syrup, invert syrup, non-diastatic maltose syrup, honey; mustard, paprika, other spice, spice oil or extract (but no turmeric or saffron or oil or extract giving colour similar to that given by egg yolk); monosod. glutamate; any suitable harmless seasoning or flav. (except imitations) if not giving colour similar to that given by egg yolk. May be packed in $CO_2$ or nitrogen.

***French Dressing.** Veg. oil, min. 35%. Acid ingreds.: as for mayonnaise, but no min. for acetic or citric acids. Optional emulsifiers (max. 0.75%): (a) acacia, carob bean, guar, karaya, tragacanth gums, Irish moss extract, pectin, propylene glycol ester of alginic acid, sod. carboxymethyl-cellulose, methylcellulose (U.S.P.; methoxy content, min. 27.5%, max. 31.5%, on dry wt.), hydroxypropyl methylcellulose, max. 0.75%, or any mixture of these. Dioctyl sod. sulphosuccinate, max. 0.5% of emulsifiers used; (b) egg ingred. as for mayonnaise (max. egg-yolk solids, 0.75%). (Declar. for non-egg emulsifiers). EDTA as for mayonnaise. Optional flav. ingreds. as for mayonnaise, but no exclusion of turmeric, or substances simulating egg yolk colour; also tomato paste, puree or ketchup; sherry wine. Packing as for mayonnaise.

***Salad Dressing.** Veg. oil, min. 30%. Egg-yolk ingreds. as for mayonnaise, min. 4% as liquid egg-yolk. EDTA as for mayonnaise. Acid ingreds. as for French dressing. Starch ingreds.: food starch, tapioca, wheat or rye flour. Optional emulsifiers: as for (a) in French dressing (declar.). Optional flav. ingreds. as for mayonnaise. Packing as for mayonnaise.

## COLOUR ADDITIVES

All colour additives, whether synthetic or not, were removed from the general Food Additives Regulation by the Colour Additives Amendments of 1960 under which all such additives had to be retested for suitability for use in foods.

The synthetic coal tar dyes which have for long been subject to certification before use are listed in the Tables on pp. 800-805. Under the Transitional Regulations these have all been provisionally listed for use in foods. Since then the following colours have been removed from the provisional list and are listed for food use, subject to certification: Tartrazine, Erythrosine, Brilliant Blue FCF, Citrus Red No. 2 (oranges only), Orange B (sausage skins only). An entirely new colour, Allura Red AC, was added to this list in 1973.

The non-coal tar colour, which has not been subject to certification and which is provisionally listed for use in food on the basis of prior commercial sale is: carbon black (prepared by the "impingement" or "channel" process). The following colours are permitted for food use exempt from certification: dried algae meal, $\beta$-apo-8′-carotenal, caramel, carmine, $\beta$-carotene, annatto extract, tagetes meal, paprika and oleoresin, turmeric and oleoresin, saffron, fruit juice, vegetable juice, toasted partially defatted cooked cottonseed flour, titanium dioxide (not more than 1%), carmine, grape skin extract, ultramarine blue (in salt for animal feed only), ferrous gluconate

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**See beginning of section, page 640.*

*U.S.A. (FEDERAL) (cont.)*

(colouring olives), beet powder, corn endosperm oil (in chicken feed), riboflavin, synthetic iron oxide (cat and dog food only, max. 0.25% of food), carrot oil, canthaxanthin.

All coal tar colours used must be taken from a batch of colour which has been officially certified by the U.S. Food and Drug Administration. The U.S. name of any added colouring matter used in food imports must be stated in the consular declaration by the shippers. The shipper should hold a guarantee that it has been taken from a certified batch.

Artificial colouring only allowed in standardized products if specifically permitted by the standard. Not allowed in meat products (except rendered fat and casings for sausages, etc.). In other foods artificial colouring is permitted subject to mention of "colouring" or the actual name of the colouring in list of ingreds. on label. In addition, the labelling must state that the food contains artificial colouring. The declaration may run "U.S. certified colour added", or "U.S. certified food colour added". The only exceptions to declaration of artificial colouring are butter, cheese, ice cream.

Even though their presence is declared, colouring matters must not be added to food to make it appear of better quality or of greater value than it really is.

## FLAVOURINGS

Natural flavours are defined as the essential oil, oleoresin, essence or extract, hydrolysate, distillate or other reaction products which contain the flavouring constituents derived from a spice, fruit or fruit juice, vegetable or veg, juice, edible yeast, herb, bark, bud, root, leaf or similar plant material, meat, fish, poultry, eggs, dairy products of fermentation products thereof whose significant function in food is flavouring rather than nutritional. Artificial flavour is a flavouring not derived from any of these.

Solvents: ethanol, glycerol, triacetin, propylene glycol, isopropyl alcohol, benzyl alcohol, ethyl acetate, butylene glycol.

Spice, natural flavour, artificial flavour may be declared as such. Salt and monosodium glutamate must be declr. as such. Artificial smoke flavour must be declr. as such or as artific. flav., no reference to smoking or true smoke flav. Where ref. made to a flavour in label on food by words or pictures must be declr. as follows: if no artif. flav. name of food shall be accompanied by name of flav., e.g. "vanilla" except that if sufficient characterizing ingred. present e.g. strawberries in strawberry shortcake, may state "flavour added" after name of food; if insuff. or no characterizing ingred. name of this ingred. must be followed by word "flavoured", e.g. "strawberry flavoured shortcake", the letters for "flavour added" and "flavoured" must not be less than half the height of the letters in the name of the characterizing ingred. It nat. flav. used to simulate a different flav. in the food must declr. the product from which flav. derived or state "artific. flavoured". If contains artif. flav. name of flav. must accompany name of food preceded by words "artificial" or "artificially flavoured", e.g. "artificially flavoured strawberry shortcake". Letters in "strawberry" min. half those in "shortcake" and letters in "artificially flavoured" min. half height those in "strawberry". If name of characterizing ingred. conspicuous then obligatory statements must also be conspicuous.

An ingredient which is both a spice and a colouring, or both a flavouring and a colouring, must be described as "spice and colouring" or "flavouring and colouring", unless it is given its own specific name.

Artificial flavouring may not be added to foods for which a standard exists unless the addition is permitted by the standard.

In other foods, (except meat products, unless approved by the Chief of the Meat Inspection Division), artificial flavouring is permitted.

### PRESERVATIVES

Substances not included in the description "chemical preservative" are common salt, sugars, vinegars, spices or oils extracted from spices, and substances added to food by directly exposing it to wood smoke. For lists of chemical preservatives accepted as safe for use as such in foods, with or without tolerances, see lists, pp. 651-661. Acetic acid, lactic acid and glycerine not mentioned in this group, but permitted as ingredients of foods. The only chemical preservatives (apart from antioxidants—see below) permitted in meat products are sodium nitrate, sodium nitrite, potassium nitrate (saltpetre) or potassium nitrite. The amount of nitrite must not exceed 200 p.p.m., and its presence must be declared. Preservatives are not permitted in standardized foods except where specifically allowed by the standard. Preservatives in foods generally or nitrite in meat products must be declared by name as ingreds. in the list displayed on the label (except where no list of ingreds. is required, as in standardized foods), followed by its function, e.g. "preservative" or "to retard spoilage" etc. When benzoic acid or sod. benzoate is used in meat products, the percentage amount as well as the name of the preservative must be stated.

### ANTIOXIDANTS

The substances listed on p. 653 may be used in fats and oils to the limits given, and require declaration by name. Further permitted uses for BHA and BHT are given in the lists of additives for particular purposes on pp. 654-661. Antioxidants present in a food must be declared by name followed by a description of its function, e.g. "to prevent rancidity".

### ADDITIVES (GENERAL)

(See General Notes, p. 640).

*Direct Additives*—The substances listed on pp. 651-652 are "generally recognized as safe" for use in foods, subject only to their purity and the needs of good commercial practice. The substances listed on pp. 652-653 are similarly recognized as safe but subject to certain restrictions. Use of these substances in foods subject to a standard is not permitted unless specifically allowed by the standard.

Substances which had been judged safe for particular purposes, generally with maximum limits, are listed alphabetically on pp. 652-661. Omitted from these lists are substances (such as antibiotics, etc., from use in animal feeds, etc.) for which ' zero tolerances ' have been set.

There are also in existence lengthy lists of natural seasonings and flavourings which are safe for their intended use; synthetic flavouring substances generally recognized as safe; and natural flavouring substances used in conjunction with flavours which are permitted for use in alcoholic beverages.

**Indirect Additives.** Besides the lists of substances fully or provisionally recognized as safe for direct addition to foods similar lengthy lists have been issued by the Food and Drug Administration of substances used in the manufacture of food packaging materials, of adhesives used in food packaging, of linings of food packaging containers, of cotton and cotton fabrics used in dry food packaging, and of rubber and other products used in food processing and handling, and which may migrate from these articles into a food.

### IRRADIATION

Sources for purposes of inspection of foods, food packages, and for control of processes may be used as follows: (1) X-ray tubes producing X-radiation from operation of the tube at energy levels of 300kV peak or lower; (2) sealed units producing radiations at energy levels of max. 2.2 million eV from one of following: caesium 137, strontium 90. No food to be exposed to the radiation source in excess of 15 min. There are also regulations in force for low dose $\gamma$-radiation for wheat, wheat flour and white potatoes; u.-v. radiation for food and potable water; low dose electron beam radiation for wheat and wheat flour; and radiofrequency radiation (incl. microwave) for heating foods.

### LABELLING

All consumer packages introduced into commerce have to comply with the Fair Packaging and Labelling Act, although there are certain exemptions laid down and it is possible to apply for other exemptions. The *basic* requirements are given below but should not be regarded as comprehensive. The principal display panel of the label must contain a statement of the identity of the commodity. If the product is an imitation of another food the word "imitation" must precede the name of the product. The form of the commodity (sliced, etc.) must accompany the name unless it is shown through the container or by vignette. The are of the principal display panel must be (*a*) for a rectangular package where one entire side can be considered to be the principal display panel side, the product of the height times the width of that side; (*b*) for a cylindrical or nearly cylindrical container 40% of the product of the height of the container times the circumference; (*c*) for an otherwise shaped container 40% of the total surface unless such container has an obvious principal display panel. The principal display panel must include a declaration of net quantity starting with all ounces for weights of 1–4 lb. and one pint to one gallon, followed by a statement in parentheses of appropriate whole units with remainders in fractions or ounces, e.g. "Net wt. 6 oz.", 6 fl. oz.", "Net wt. 24 oz. (1lb. 8 oz.)" or "Net wt. 24 oz. (1½lb.)" or "Net wt. 24 oz. (1.5 lb.)". Numerical count is also permissible. This declaration must be within the bottom 30% area of the label. There must be a clear area both above and below the quantity declaration equal to the height of the type size used for the quantity declaration. (Different type sizes

(*Text cont. page 662.*)

## SUBSTANCES GENERALLY RECOGNIZED AS SAFE FOR PURPOSES INDICATED WHEN USED IN ACCORDANCE WITH GOOD MANUFACTURING PRACTICE

(Title 21, sub-part B)

### *CHEMICAL PRESERVATIVES*

Ascorbic acid
Ascorbyl palmitate
Calcium ascorbate
Calcium propionate
Calcium sorbate
Erythorbic acid (iso-ascorbic acid)
Potassium sorbate
Propionic acid
Sodium ascorbate
Sodium propionate
Sodium sorbate
Sorbic acid
Tocopherols

### *ACIDS, BUFFERS, NEUTRALIZING AGENTS, ETC.*

Acetic acid
Adipic acid
Aluminium ammonium sulphate
Aluminium potassium sulphate
Aluminium sodium sulphate
Aluminium sulphate
Ammonium bicarbonate
Ammonium carbonate
Ammonium hydroxide
Ammonium phosphate (mono- and dibasic)
Ammonium sulphate
Calcium carbonate
Calcium chloride
Calcium citrate
Calcium gluconate
Calcium hydroxide
Calcium lactate
Calcium oxide
Calcium phosphate (mono-, di- and tri-basic)
Citric acid
Hydrochloric acid
Lactic acid
Magnesium carbonate
Magnesium oxide and hydroxide
Malic acid
Phosphoric acid
Potassium acid tartrate
Potassium bicarbonate
Potassium carbonate
Potassium citrate
Potassium hydroxide
Potassium sulphate
Sodium acetate
Sodium acid pyrophosphate
Sodium aluminium phosphate
Sodium bicarbonate
Sodium carbonate
Sodium citrate
Sodium hydroxide
Sodium phosphate (mono-, di-, tri-)
Sodium potassium tartrate
Sodium sesquicarbonate
Sodium tripolyphosphate
Succinic acid
Sulphuric acid
Tartaric acid

### *EMULSIFYING AGENTS*

Diacetyl tartaric acid esters of mono- and diglycerides of edible fats or oils or edible fat-forming fatty acids

Mono- and diglycerides of edible fats or oils

Monosodium phosphate derivatives of mono- and diglycerides of edible fats or oils or edible fat-forming fatty acids

Propylene glycol

### *AMINO ACIDS*

(L- and DL- forms, except where otherwise shown. May be free, or as hydrochloride salt, hydrated or anhydrous form, where applicable. Levels of use restricted to various %'s by wt. of total protein in finished food. Under sub-part D only the L-form permitted and the following other amino acids also permitted: asparagine, glutamic acid, glutamine, glycine, DL-methionine (not for infants), methionine.

Alanine
Arginine
Aspartic acid
Cysteine (L-form)
Cystine
Histidine
Isoleucine
Leucine
Lysine
Phenylalanine
Proline
Serine
Threonine
Tryptophane
Tyrosine
Valine

### *OTHER NUTRIENTS*

Ascorbic acid
Biotin
Calcium carbonate
Calcium citrate
Calcium glycerophosphate
Calcium oxide
Calcium pantothenate
Calcium phosphate (mono., di-, tribasic)
Calcium pyrophosphate
Calcium sulphate
Carotene
Choline bitartrate
Choline chloride
Ferric phosphate
Ferric pyrophosphates
Ferric sodium pyrophosphate
Ferrous gluconate
Ferrous lactate
Ferrous sulphate
Inositol
Iron, reduced
Linoleic acid
Magnesium oxide
Magnesium phosphate (di-, tri-basic)
Magnesium sulphate
Manganese chloride
Manganese citrate
Manganese gluconate
Manganese glycerophosphate
Manganese hypophosphite

## *U.S.A. (FEDERAL) (cont.)*

Manganese sulphate
Manganous oxide
Niacin
Niacinamide
*d*-Pantothenyl alcohol
Potassium chloride
Potassium glycerophosphate
Pyridoxine hydrochloride
Riboflavin
Riboflavin-5-phosphate
Sodium pantothenate
Sodium phosphate (mono-, di-, tribasic)
Thiamine hydrochloride
Thiamine mononitrate
Tocopherols
$\alpha$-Tocopherol acetate
Vitamin A
Vitamin A acetate
Vitamin A palmitate
Vitamin $B_{12}$
Vitamin $D_2$
Vitamin $D_3$
Zinc sulphate
Zinc gluconate
Zinc chloride
Zinc oxide
Zinc stearate (from stearic acid free from chick oedema factor)

### *SEQUESTRANTS*

Calcium acetate
Calcium chloride
Calcium citrate
Calcium diacetate
Calcium gluconate
Calcium hexametaphosphate
Calcium phosphate (monobasic)
Calcium phytate
Citric acid
Dipotassium phosphate
Disodium phosphate
Monoisopropyl citrate
Potassium citrate
Sodium acid phosphate
Sodium citrate
Sodium diacetate
Sodium gluconate
Sodium hexametaphosphate
Sodium metaphosphate
Sodium phosphate (mono-, di-, tribasic)
Sodium potassium tartrate
Sodium pyrophosphate
Sodium tartrate
Sodium tripolyphosphate
Tartaric acid

### *GUMS AND THICKENERS*

Acacia (gum arabic)
Agar-agar
Ammonium alginate
Calcium alginate
Carob bean gum (locust bean gum)*
Ghatti gum
Guar gum
Karaya gum
Potassium alginate
Sodium alginate
Tragacanth

### *MISCELLANEOUS*

Beeswax, bleached (white wax)
Beeswax (yellow wax)
Bentonite
Butane
Caramel
Carbon dioxide
Carnauba wax
Dextrans (av. mol. wt. below 100,000)
Glycerin
Glycerol monostearate
Helium
Lecithin
Methyl cellulose (methoxy content min. 27.5 % max. 31.5%, on dry wt.)
Monoammonium glutamate
Monopotassium glutamate
Nitrogen
Papain
Propane
Propylene glycol
Rennet (rennin)
Sodium carboxymethylcellulose to special specification)
Sodium caseinate
Sodium pectate
Triacetin (glycerol triacetate)

## SUBSTANCES SAFE FOR INTENDED USE, BUT WITHIN LIMITS OR OTHERWISE RESTRICTED IN USE

### *ANTI-CAKING AGENTS*

Aluminium calcium silicate (in table salt, max. 2%)
Calcium silicate (in baking powder, max. 5%)
Calcium silicate (in table salt, max. 2%)
Magnesium silicate (in table salt, max. 2%)
Sodium aluminosilicate (in table salt, max. 2%)
Sodium calcium aluminosilicate, hydrated (in table salt, max. 2%)
Tricalcium silicate (in table salt, max. 2%)

### *CHEMICAL PRESERVATIVES*

Benzoic acid (max. 0.1%)
Caprylic acid (in cheese wraps)
Methyl *p*-hydroxybenzoate (max. 0.1%)
Potassium bisulphite (not in meats or in food recognizable as a source of Vitamin $B_1$

* *Various levels for different foods*

Potassium metabisulphite (ditto)
Propyl *p*-hydroxybenzoate (max. 0.1%)
Sodium benzoate (max. 0.1%)
Sodium bisulphite (not in meats or in foods recognizable as a source of Vitamin $B_1$)
Sodium metabisulphite (ditto)
Sodium sulphite (ditto)
Stannous chloride (max. 15 p.p.m., as Sn
Sulphur dioxide (as sodium bisulphite)

### *ANTIOXIDANTS*

| | |
|---|---|
| Butylated hydroxyanisole<br>Butylated hydroxytoluene<br>Dilauryl thiodipropionate<br>Propyl gallate<br>Thiodipropionic acid | Total content of these antioxidants not to exceed 0.02% of fat or oil content of a food, including essential (volatile) oil content. |

Gum guaiac (in edible fats or oils, max. 0.1%, but equivalent antioxidant activity in mixtures with other antioxidants taken as 0.01%)

### *EMULSIFYING AGENTS*

| | |
|---|---|
| Cholic acid<br>Desoxycholic acid<br>Glycocholic acid<br>Ox bile extract<br>Taurocholic acid (or its sodium salt) | In dried egg whites (max. 0.1%) |

### *NUTRIENTS*

Copper gluconate (max. 0.005%)
Cuprous iodide (in table salt as a source of dietary iodine, max. 0.01%)
Glycine (in animal feeds)
Methionine (in animal foods)
Methionine hydroxy analogue and its salts (ditto)
Potassium iodide (in table salt as a source of dietary iodine, max. 0.01%)
Sorbitol (various levels for different foods)

### *SEQUESTRANTS*

Isopropyl citrate (max. 0.02%)
Sodium thiosulphate (in salt, max. 0.1%)
Stearyl citrate (max. 0.15%)

### *MISCELLANEOUS*

Caffeine (in cola type beverages, max. 0.02%)
Ethyl formate (as fumigant for cashew nuts, max. 0.0015%)
Glutamic acid (as salt substitute)
Glutamic acid hydrochloride (ditto)
Hydrogen peroxide (as bleaching agent)
Magnesium stearate (migratory substance from packaging materials when used as stabilizer)
Nitrous oxide (as propellant for certain dairy and vegetable fat toppings in pressurized containers)
Silica aerogel (min. silica content 89.5%, as component of antifoaming agent)
Triethyl citrate (in egg whites, max. 0.25%)

## CHEWING GUM BASE

### *NATURAL (COAGULATED OR CONCENTRATED LATICES) OF VEGETABLE ORIGIN*

Chicle; chiquibul; crown gum; gutta hang kang; massaranduba balata (and the solvent-free resin extract of massaranduba balata); massaranduba chocolate; nispero; rosidinha (rosadinha); Venezuelan chicle; jelutong; leche caspi (sorva); pendare; perillo; leche de vaca; niger gutta; tunu (tuno); chilte; natural rubber (smoked sheet and latex solids).

### *OTHER INGREDIENTS*

Butadiene-styrene rubber; isobutylene-isoprene copolymer (butyl rubber); paraffin (Fischer-Tropsch process); petroleum wax; polyethylene; polyisobutylene (isobutylene resin); polyvinyl acetate.

### *PLASTICIZING MATERIALS (SOFTENERS)*

Glycerin ester of partially hydrogenated wood rosin; glycerin ester of polymerized rosin; lanolin; rice bran wax; stearic acid; sodium and potassium stearates.

## ADDITIVES PERMITTED BY REGULATION

(Title 21, sub-part D)

| *Product* | *Specified Uses or Restrictions* | *Limits* |
|---|---|---|
| Acetic anhydride | Food starch modifier | 2.5% |
| Acetone peroxides | Maturing, bleaching agents (flour)<br>Maturing agent (dough) | Suff. to give required effect |
| Acetone residues | Solvent in spice oleoresins | 30 p.p.m. |
| Acetylated mono-glycerides | — | Suff. for required effect |
| Acrolein | Food starch modifier | 0.6% |
| Acrylamide-sodium acrylate resin | Boiler water additive | — |
| Adipic anhydride | Food starch modifier | 0.12% with 2.5% acetic anhydride |

*U.S.A. (FEDERAL) (cont.)*

| | | |
|---|---|---|
| Aluminium nicotinate | Source of niacin in dietary foods | — |
| Aluminium phosphide | Fumigant in processed foods | 1000 p.p.m. |
| Aluminium persulphate | Food starch modifier | 0.075% |
| Ammonium alginate | Boiler water additive | — |
| Arabinogalactan | Emulsifier and stabilizer in essentials oils, non-nutritive sweeteners, flavour bases, in microcapsules for flavouring oils, non-standard dressings, pudding mixes | — |
| Aspartame (aspartyl phenyl alanine) | Sweetening agent in food:<br>dry, free flowing sugar substitutes for table use (not to include use in cooking) in package units not to exceed the sweetening equivalent of 2 teaspoonsfuls of sugar<br>sugar substitute tablets for sweetening hot beverages, cold breakfast cereals<br>chewing gum base<br>dry bases for: beverages, instant coffee and tea, gelatins, puddings and fillings, dairy product analogue toppings, as a flavour enhancer in chewing gum. | — |
| Azodicarbonamide | Ageing and bleaching agent for cereal flour | 45 p.p.m. |
| Bacterial catalase | Removing $H_2O_2$ in manuf. of cheese | — |
| Boiler water additives | See specific compounds. | |
| Bromide, inorganic | Fumigant: in or on dried figs | 250 p.p.m. |
| | on dried eggs, processed herbs and spices | 400 p.p.m. |
| | on parmesan or roquefort cheese | 325 p.p.m. |
| | on other processed foods | 125 p.p.m. |
| | conc. tomato prods. | 250 p.p.m. |
| Butylated hydroxyanisole | Antioxidant: in potato granules, alone or with BHT | 10 p.p.m. |
| | alone in dry yeast | 1000 p.p.m. |
| | alone in dry mixes for beverages, desserts | 90 p.p.m. |
| | alone in beverages, desserts from dry mixes | 2 p.p.m. |
| | in dry breakfast cereals alone or with BHT | 50 p.p.m. |
| | in sweet potato flakes alone or with BHT | 50 p.p.m. |
| | in potato flakes alone or with BHT | 50 p.p.m. |
| | in dried potato shreds, alone or with BHA | 50 p.p.m |
| | in emulsion stabilizers for shortenings alone or with BHT | 200 p.p.m. |
| | alone in mixed, diced glacé fruits | 32 p.p.m. |
| | in synthetic flavouring substances | 5000 p.p.m. of volatile oil |
| Butylated hydroxytoluene | Antioxidant: in potato granules, alone or with BHA | 10 p.p.m. |
| | in dry breakfast cereals, alone or with BHA | 50 p.p.m. |
| | in sweet potato flakes, alone or with BHA | 50 p.p.m. |
| | in potato flakes alone or with BHA | 50 p.p.m. |
| | in dried potato shreds, alone or with BHT | 50 p.p.m. |
| | in emulsion stabilizers for shortenings alone or with BHA | 200 p.p.m. |
| Butylene glycol | Solvent for flavours | — |
| Calcium disodium EDTA | For struvite retarding, colour retaining: | |
| | in cooked canned clams | 340 p.p.m. |
| | in "long" eggs | 200 p.p.m |
| | in cooked canned mushrooms | 200 p.p.m. |
| | in distilled alcoholic beverages, fermented malt beverages | 25 p.p.m. |
| | in canned white potatoes | 110 p.p.m. |
| | in cooked canned crabmeat | 275 p.p.m. |
| | in dried lima beans | 310 p.p.m. |
| | in cooked canned shrimp | 250 p.p.m. |
| | for colour and flavour retaining in spice extractives | 60 p.p.m. |
| | for colour, flavour, texture retention in pickled cucumbers and pickled cabbage | 220 p.p.m. |
| | for flavour retaining in canned, carbonated soft drinks | 33 p.p.m. |
| | for colour retaining in artif. coloured lemon—or orange-flavoured spreads | 100 p.p.m. |

| *Product* | *Specified Uses or Restrictions* | *Limits* |
|---|---|---|
| | preservative in potato salad, sandwich spread | 100 p.p.m. |
| | preservative in French dressing, mayonaise, non-standardized dressings, oleomargarine, salad dressing, sauces | 75 p.p.m. |
| | with disod. EDTA in sandwich spread | 100 p.p.m. |
| | with disod. EDTA in non-standardized dressings, sauces | 75 p.p.m. |
| Calcium lactobionate | Dried pudding mixes | Sufficient |
| Calcium pantothenate | In dietary foods | — |
| Calcium silicate | Anticaking agent | 2% |
| | in baking powder | 5% |
| Calcium stearoyl-2-lactylate | Dough conditioner in yeast-leavened bakery products | 0.5/100 parts of flour |
| | conditioning agent in dehydrated potatoes | 5000 p.p.m. |
| | whipping agent in dried egg white | 5000 p.p.m. |
| | whipping agent in liquid, frozen egg white | 500 p.p.m. |
| | whipped veg. oil topping | 3000 p.p.m. |
| Carrageenan (and salts) | Emulsifier, stabilizer, thickener, except in standardized foods not providing for such use | — |
| Castor oil | Release agent in hard candy | 500 p.p.m. |
| | Coating on vitamin and mineral tablets | — |
| Chlorine | Food starch modifier | 0.055 lb. chlorine/lb dry starch |
| Chloropentafluorethane | Propellant in aerosols | — |
| Cobalt sulphate | Boiler water additive | — |
| Combustion product gas | $O_2$ removal in process. and packag. beverages and other food exc. fresh meat | — |
| Cottonseed flour, partially defatted, cooked | None | 450 p.p.m. free gossypol |
| Coumarone-indene resin | Protective coating for citrus fruits | 200 p.p.m. |
| Cyclohexylamine | Boiler water additive (not in contact with milk) | 10 p.p.m. in steam |
| Dichlorodifluoromethane | Food freezant, in direct contact with food | — |
| Diethylaminoethanol | Boiler water additive (not in contact with milk) | 15 p.p.m. |
| Dioctyl sodium sulphosuccinate | Wetting agent in fumaric acid-containing beverages | 10 p.p.m. |
| | Wetting agent in fumaric acid-containing gelatine desserts | 15 p.p.m. |
| | Solubilizing agent on stabilizers and thickeners | 5000 p.p.m. |
| | Emulsifying agent for cocoa fat in non-carbonated beverages | 25 p.p.m. |
| | Dispersing agent in cocoa for manufacturing | 4000 p.p.m. |
| | In cocoa for dry beverage base | 75 p.p.m. (in beverage) |
| Dimethylpolysiloxane | Defoaming agent | 10 p.p.m. (other levels for specified foods) |
| Disodium EDTA | With iron salts as stabilizer for vit $B_{12}$ in liquid multivitamin preparations | 150 p.p.m. |
| | For colour retention in frozen white potatoes | 100 p.p.m. |
| | preservative in sandwich spread | 100 p.p.m. |
| | preservative in sauces, non-stand. dressing | 75 p.p.m. |
| | preservative in canned kidney beans | 165 p.p.m. |
| | canned strawberry pie filling | 500 p.p.m. |
| | with calc. disod. EDTA in sandwich spread | 100 p.p.m. |
| | with calc. disod. EDTA in sauces, non-stand. dressings | 75 p.p.m. |
| Disodium guanylate | Flavouring adjuvant | — |
| Disodium inosinate | Flavouring adjuvant | — |
| Epichlorhydrin | Food starch modifier | 0.1%, followed by propylene oxide 25%; resid. propylene chlorhydrin 5 p.p.m. |
| Epichlorhydrin | Food starch modifier | 0.3%, 0.1% with propylene oxide<br>0.1%, followed by propylene oxide max. 25% (max. 5 p.p.m. propylene chlorhydrin in the starch) |
| Ethoxyquin | Antioxidant in paprika and chili | 100 p.p.m. |
| Ethyl cellulose | Binder, filler, or component of coatings for vitamin and mineral tablets, fixative in flavouring compounds | — |

*U.S.A. (FEDERAL) (cont.)*

| *Product* | *Specified Uses or Restrictions* | *Limits* |
|---|---|---|
| Ethyl formate | Bulk and package fumigant in or on dried rasins and dried Zante currants | 250 p.p.m. |
| Ethylene dichloride | Solvent in spice oleoresins | 30 p.p.m. |
| Ethylene oxide | Fumigant in ground spices and other processed natural seasoning (salt free), black walnut meats, copra | 50 p.p.m. |
| Ethylene oxide polymer | Foam stabilizer in fermented malt beverages | 300 p.p.m. |
| Ethylene oxide and propylene oxide copolymer | Wetting agent for fumaric acid, as for dioctyl sodium sulphosuccinate | — |
| | Scald baths for poultry defeathering | 0.05% |
| | Dough conditioner in yeast-leavened bakery products | 0.05% of flour |
| | Flavouring concentrates | Not more than wt. of flav. oils |
| Fatty acids (Chick oedema and other toxic factors free) | Lubricant, binder, defoamer, and component of other additives | — |
| Fatty acids, lactylic esters | Emulsifiers, plasticizers in certain bakery products, dehydrated fruit and veg. juices, frozen desserts, liquid shortening, milk and cream substitutes | — |
| Fatty acids, salts (Alum., Calc., Magn., Potass., Sod.) | Binder, emulsifier, anti-caking agent | — |
| Fatty alcohols, synthetic | None | — |
| Fish (whole) Protein concentrate | Protein supplement in food for children | 20 g./day |
| | Protein supplement in manuf. food | 8 p.p.m. max. Fl. in finished food |
| Flavours, natural | List of substances specified | — |
| Flavours, synthetic and adjuvants | List of substances specified | — |
| Food starch, modified | Thickener and stabilizer (for treatments, see under different compounds) | — |
| Folic acid (folacin) | Source of vitamin | 0.4 mg. max. daily intake (0.1 infants, 0.3 children under 4, 0.4 adults, 0.8 pregnant, lactating women) |
| Fumaric acid and salts | None | No restriction |
| Furcelleran (and salts) | Emulsifier, stabilizer, thickener, etc., in standardized foods not providing for such use | — |
| Glycerine synthetic | None | Suff. for required effect |
| Glyceryl ester of wood rosin | Adjust. density of citrus oils in beverages | 100 p.p.m. |
| Glyceryl lacto esters of fatty acids | Emulsifiers and plasticizers in foods | Suff. for required effect |
| Glycine | Masking bitter aftertaste of saccharin in beverages and beverage bases | 0.2% max. in finished beverage |
| | Stabiliser in mono- and diglycerides prep. by glycerolysis of edible fats or oils | 0.02% max. of the mono- and diglyceride |
| Hexane | Solvent in spice oleoresins | 25 p.p.m. |
| Hop extract, modified | Flavouring agent in brewing beer | — |
| Hydrazine | Boiler water additive | Zero in steam |
| Hydrochloric acid | Food starch modifier | — |
| Hydrogen cyanide | Fumigant: in cocoa | 200 p.p.m. |
| | in cereal flours | 125 p.p.m. |
| | cereals cooked before eating | 90 p.p.m. |
| | uncooked ham, bacon, sausage | 50 p.p.m. |
| Hydroxylated lecithin | Emulsifier except in standardized foods not providing for such use | — |
| Hydroxypropyl cellulose | Emulsifier, stabilizer etc. in food | — |
| Hydroxypropyl methyl cellulose | Emulsifier film former, protective colloid, stabilizer, suspending agent, thickener, except in confectionery and standardized foods not providing for such use | — |
| Kelp | Source of iodine | As for potass. iodide |
| Ion exchange resins and membranes | None | — |
| Iron ammonium citrate | Anticaking agent in salt | 25 p.p.m. |
| Iron-choline citrate complex | Foods for special dietary use | — |
| Lactylated fatty acid esters of glycerol and propylene glycol | Emulsifier, plasticizer, surface active agent | Suff. for required effect |

| *Product* | *Specified Uses or Restrictions* | *Limits* |
|---|---|---|
| Lignosulphonic acid | Boiler water additive | — |
| Maleic hydrazide | In potato crisps | 160 p.p.m. |
| Mannitol | None | Suff. for required effect |
| Methyl alcohol residues | Solvent in spice oleoresins | 50 p.p.m. |
| Methyl ethyl cellulose | Aerating, emulsifying, and foaming agent | Suff. for required effect |
| Methyl formate | Bulk and package fumigant: in or on dried raisins and dried Zante currants | 250 p.p.m. |
| Methyl glucoside-coconut oil ester | Crystallization aid for sucrose and dextrose | Suff. for required effect |
| Methylene chloride residues | Solvent in spice oleoresins | 30 p.p.m. |
| | solvent in decaffeinated coffee | 10 p.p.m. |
| Mineral oil (white) | Release agent, binder in tablets of flavours, spices, nutrients, etc. | 6000 p.p.m. |
| | Float on fermentation liquids, incl. pickles | — |
| | Release agent in bakery products, yeast | 1500 p.p.m. |
| | Release agent in dried fruit and vegetables | 200 p.p.m. |
| | Release agent in egg white solids | 1000 p.p.m. |
| | Release, sealing and polishing agent in confectionery | 2,000 p.p.m. |
| | Coating for fresh fruit and vegetables | — |
| | Component of hot-melt coating for frozen meat | 950 p.p.m. |
| | Petrolatum Lubricant with food contact | 10 p.p.m. |
| | Defoamer in wash water for sliced potatoes, max. 0.008% of water | — |
| | In moulding starch for confectionery | 3000 p.p.m. |
| | Antidust agent in sorbic acid | 2500 p.p.m. |
| Molecular sieve resins | Purification of partially delactosed whey | — |
| Monobutyl ethers of poly ethylene-polypropylene glycol | Boiler water additive | Min. molec. wt. 1500 |
| Monoglyceride citrate | Synergist, solubilizer for antioxidants in oils and fats | 200 p.p.m. combined wt. of fat and additive |
| Monosodium o-phosphate | Food starch modifier | 4,000 p.p.m. |
| Morpholine | Boiler water additive (not in contact with milk) | 10 p.p.m. in steam |
| | In coatings for fruit and vegetables | — |
| Nicotinamide-ascorbic acid complex | Source of ascorbic acid and nicotinamide in multivitamin preparations | — |
| Octadecylamine | Boiler water additive (not in contact with milk) | 3 p.p.m. in steam |
| Octafluorocyclobutane | Propellant or aerating agent in foamed or sprayed foods except for standardized foods not providing for such use, alone or with $CO_2$ or nitrous oxide or propane | — |
| 1-Octenyl succinic anhydride | Food starch modifier | 3%, 2% with 2% alum. sulphate |
| *n*-Octyl alcohol | In microcapsules for flavouring oils | — |
| Oleic acid from tall oil fatty acids | Lubricant, binder, defoaming agent | — |
| Oxygen, active | Food starch modifier | 0.45% |
| Oxystearin | Crystallization inhibitor in vegetable oils release agent in shortenings | 1250 p.p.m. combined wt. of oil and additive |
| D-Pantothenamide | Foods for special dietary use | Suff. for required effect |
| Paraformaldehyde | In maple syrup from treated trees | 2 p.p.m. formaldehyde |
| Petrolatum | In bakery products, with mineral oil | 1500 p.p.m. |
| | In confectionery as release, polishing agent | 2000 p.p.m. |
| | As release agent in dehydr. fruit and veg. | 200 p.p.m. |
| | As release agent in egg white solids | 1000 p.p.m. |
| | Protective coating on raw fruit and veg. | Good mfg practice |
| Petroleum wax, synthetic | Chewing gum base | — |
| | Protective coating on cheese and raw fruit | — |
| | Defoamer in food | — |
| Phosphorus oxychloride | Food starch modifier | 0.1% |
| Polyethylene glycol | Coating, binding, plasticizing agent and/or lubricant in tablets for food | Suff. for required effect |
| | Flavour improver and bodying agent in non-nutrit. sweeteners | " |
| | Adjuvant for dispersing vitamin or mineral prep'ns. | " |
| | Coating on sod. nitrite | |
| | N.B. *Not* in milk or prep'ns for milk | " |
| Polyglycerol esters of fatty acids | Emulsifiers in food | Suff. for required effect |
| | In whipped topping (esters of butter oil fatty acids) | Suff. for required effect |
| | Cloud inhibitor in salad oils | — |

*U.S.A. (FEDERAL) (cont.)*

| *Product* | *Specified Uses or Restrictions* | *Limits* |
|---|---|---|
| Polyoxyethylene glycol | Defoaming agent. Boiler water additive | Min. molec. wt. 1000 |
| Polyoxyethylene glycol, monobutyl esters of | Boiler water additive | Min. molec. wt. 1500 |
| Polyoxyethylene (20) mono- and diglycerides of fatty acids (in non-standardised foods and in standardised foods where the standards permits) | Dough conditioner in yeast-leavened bakery products | 0.5% of flour used |
| | Emulsifier in cakes and cake mixes | 0.5% of dry ingreds. |
| | Emulsifier in whipped veg. oil toppings and topping mixes | 0.45% of finished topping |
| | Emulsifier in icings and icing mixes | 0.5% of finished icing |
| | Emulsifier in frozen desserts | 0.2% of finished desserts |
| | Emulsifier in solid-state edible veg. fat-water emulsions for use as milk or cream in coffee | 0.4% of finished veg. fat-water emulsion |
| Polyoxyethylene (20) sorbitan mono-oleate. | See Polysorbate 80. | |
| Polyoxyethylene (20) sorbitan monostearate. | See Polysorbate 60. | |
| Polyoxyethylene (20) sorbitan tristearate | See Polysorbate 65 | |
| Polyoxypropylene glycol. | Boiler water additive | Min. molec. wt. 1000 |
| Polyoxypropylene glycol, monobutyl esters of | Boiler water additive | Min. molec. wt. 1500 |
| Polysorbate 60 | Emulsifier in chocolate flavoured syrups | 0.05% max. in finished product |
| | Emulsifier in whipped vegetable oil topping, alone or with 2700 p.p.m. sorbitan monostearate (7700 p.p.m. together) or Polysorbate 65, Polysorbate 80 | 4000 p.p.m. |
| | Emulsifier in cakes and cake mixes, alone | 4600 p.p.m. |
| | Emulsifier in cakes and cake mixes, with 6100 p.p.m. sorb. monostearate and/or 3200 p.p.m. Polysorbate 65 | 4600 p.p.m. (total 6600 p.p.m.) |
| | Emulsifier in cake icing and filling, alone or with Polysorbate 65 | 4600 p.p.m. |
| | with sorbitan monostearate | 7000 p.p.m. (total 10000 p.p.m.) |
| | Emulsifier in non-stand. confect. coatings or standardized cocoa products, alone | 5000 p.p.m. |
| | Emulsifier in non-stand. confect. coatings with 10000 p.p.m. sorb. monostearate | 5000 p.p.m. (total 10000 p.p.m.) |
| | Emulsifier in non-stand. dressings | 3000 p.p.m. |
| | For greater opacity in sugar-type confect. coatings | 2000 p.p.m. |
| | Emulsifiers in shortenings for unstand. foods, alone or with Polysorbate 80 | 10000 p.p.m. |
| | Emulsifier in milk or cream substitutes, alone or with Polysorbate 65 or sorbitan monstearate | 4000 p.p.m. |
| | Foaming agent in non-alcoholic beverages, alone | 45000 p.p.m. |
| | Dough conditioner in yeast leavened bakery products | 5000 p.p.m. |
| | Dispersing agent in artif. sweetened gelatine desserts | 5000 p.p.m. |
| | Emulsifier in chocolate flavoured syrups | 500 p.p.m. |
| Polysorbate 65 | Emulsifier in cakes, alone | 3200 p.p.m. |
| | Emulsifier in cakes, with 4600 p.p.m. Polysorbate 60 and/or with 6100 p.p.m. sorbitan monostearate | 3200 p.p.m. (total 6600 p.p.m.) |
| | Emulsifier in whipped vegetable oil topping alone or with sorbitan monostearate or Polysorbate 60 or Polysorbate 80 (toppings only) and in milk or cream substitutes | 4000 p.p.m. |
| | Emulsifier in frozen desserts, alone or with Polysorbate 60 | 1000 p.p.m. |
| | Emulsifier in cake icings and fillings, alone or with 7000 p.p.m. sorbitan monostearate or 4600 p.p.m. Polysorbate 60 | 3200 p.p.m. (1% total) |
| Polysorbate 80 | Defoaming agent in creaming mixture for cottage cheese and low fat cottage cheese | 0·008% max. of finished product |
| | Solubilizer and dispersing agent in dill oil for canned spiced green beans | 30 p.p.m. |
| | Emulsifier in frozen desserts, alone or with Poly (20) sorbitan tristearate | 1000 p.p.m. |
| | Emulsifier in shortenings for unstand. foods, alone or with Polysorbate 60 | 10000 p.p.m. |

| *Product* | *Specified Uses or Restrictions* | *Limits* |
|---|---|---|
| | Emulsifier in whipped vegetable oil topping, alone or with sorbitan monostearate, Polysorbate 60, Polysorbate 65 | 4000 p.p.m. total |
| | Dispersing agent in gelatine dessert mixes | 820 p.p.m. |
| | Wetting agent in scald water for poultry defeathering | 175 p.p.m. |
| | Solubilizer and dispersing agent in vitamin-mineral preparations | various levels |
| | In yeast defoamer | 40000 p.p.m. |
| | In yeast | 4 p.p.m. |
| | Surfactant in NaCl production | 10 p.p.m. |
| | In special dietary foods as emulsifier for edible oils | Ingestion not to exceed 360 mg. per day |
| Polyvinylpolypyrrolidone | Clarifying agent in beer | 10 p.p.m. |
| | in vinegar | 40 p.p.m. |
| | in wine | 60 p.p.m. |
| | Tableting adjuvant for flavour concentrates, non-nutritive sweeteners, vitamin and mineral concentrates | — |
| | As stabilizer in above | — |
| Potassium bromate | Malting barley | 75 p.p.m. |
| Potassium carbonate | Boiler water additive | — |
| | Solubilizer and dispersing agent in pickles | 500 p.p.m. |
| Potassium iodide | Source of iodine | 0.225 mg. I max. daily intake (0.045 infants, 0.105 children under 4, 0.225 adults 0.300 pregnant, lactating women) |
| Potassium nitrate* | Cod roe | 200 p.p.m. |
| Potassium permanganate | Food starch modifier | 0.2% (residues of Mn not to exceed 50 p.p.m.) |
| *iso*Propyl alcohol | Solvent in spice oleoresins | 50 p.p.m. |
| | Solvent in lemon oil | 6 p.p.m. |
| | Solvent in hop extract | 2.0% |
| Propylene glycol alginate | Emulsifier, stabilizer, thickener in frozen desserts | 5000 p.p.m. |
| | Emulsifier, stabilizer, thickener in foods except for standardized foods not providing for such use | — |
| Propylene glycol mono- and diesters of fats and fatty acids | None | Suff. for required effect |
| Propylene oxide | Food starch modifier | 25% (max. 5 p.p.m. propylene chlorhydrin) |
| | Fumigant for cocoa, gums, nuts (exc. peanuts) spices, starches | 300 p.p.m. |
| | Package fumigant on dried prunes and glace fruit | 700 p.p.m. (propylene glycol) |
| Quinine | Flavour in carbonated beverages | 83 p.p.m. |
| Ricebran wax | Coating for confectionery, fresh fruits, vegetables | 50 p.p.m. |
| | Plasticizer in chewing gum | 2500 p.p.m. |
| Sassafras, safrole free extracts | Flavouring in foods | — |
| Silicon dioxide | Anticaking agent in foods | 20000 p.p.m. |
| | in microcapsules for flavouring oils | — |
| Sodium chlorite | Food starch modifier | 0.5% |
| Sodium CMC | Boiler water additive | — |
| Sodium hydroxide | Food starch modifier | 1.0% |
| Sodium lauryl sulphate | Emulsifier in egg white products: in egg white solids | 1000 p.p.m. |
| | in frozen and liquid egg whites | 125 p.p.m. |
| | Surfactant in fumaric acid-acidulated beverage base or fruit juice | 25 p.p.m. |
| | Whipping agent in marshmallows | 5000 p.p.m. of the gelatine |
| Sodium metabisulphite | Boiler water additive | |
| Sodium methyl sulphate | Pectin | 1000 p.p.m. |
| Sodium nitrate* | Preservative and colour fixative in smoked, cured salmon, and in meat-curing preparations for home curing, alone, or with sod. nitrite | Sod. nitrate 500 p.p.m.<br>Sod. nitrite 200 p.p.m. |

*proposed for removal

## *U.S.A. (FEDERAL) (cont.)*

| *Product* | *Specified Uses or Restrictions* | *Limits* |
|---|---|---|
| Sodium nitrite* | Colour fixative in smoked cured tuna<br>Preservative and colour fixative in smoked cured salmon and in meat-curing preparations for home-curing, alone or with sod. nitrate;<br>in smoked chubb (sod. nitrite) | 10 p.p.m.<br>Sod. nitrite 200 p.p.m.<br>Sod. nitrate 500 p.p.m.<br>100—200 p.p.m. of loin muscle |
| Sodium salts (specified) | Boiler water additives | — |
| Sodium stearoyl-2-lactylate | Emulsifier, dough conditioner or whipping agent in icings, puddings, baked products, prepared mixes | Suff. for required effec. |
| Sodium stearyl fumarate | Dough conditioner<br>Dehydrated potatoes conditioner<br>Stabilizer in non-yeast leavened bakery products<br>Processed cereals for cooking conditioner<br>Starch or flour-thickened foods conditioner | 5000 p.p.m. (on flour)<br>10000 p.p.m.<br>10000 p.p.m.<br>10000 p.p.m.<br>2000 p.p.m. |
| Sodium trimetaphosphate and tripolyphosphate | Food starch modifier | 0.4% phosphate calct as phosphorus |
| Sorbitan monostearate | Emulsifier for whipped vegetable oil topping alone or with Polysorbate 60, 65 or 80<br>Emulsifier in cakes and cake mixes, alone or with 4600 p.p.m. Polysorbate 60 and/or 3200 p.p.m. Polysorbate 65<br>Emulsifier in non-stand. confect. coatings or standardized cocoa products, alone or with 5000 p.p.m. Polysorbate 60<br>Emulsifier in cake icing, filling,<br>with Polysorbate 65<br>with Polysorbate 60<br>Emulsifier in milk and cream substitutes, alone or with Polysorbate 60 or 65<br>Rehydration aid in active dry yeast, alone | 4000 p.p.m.<br>6100 p.p.m.<br>6100 p.p.m. to 6600 p.p.m.<br>10000 p.p.m. total<br>7000 p.p.m. total<br>3200 p.p.m.<br>4600 p.p.m.<br>4000 p.p.m.<br>10000 p.p.m. |
| Sorbitol | In any food | — |
| Sperm oil, hydrogenated | Release agent or lubricant in bakery pans | — |
| Stearyl-monoglyceridyl citrate | Emulsion stabilizer for shortenings | — |
| Succinic anhydride | Food starch modifier | 4% |
| Succinylated gelatin | in microcapsules for certain flavouring oils | 15% wt. of microcapsule and flavouring oil. Succinic acid content of gelatin, 45–5.5%. |
| Succinylated monoglycerides | Emulsifier in shortening<br>Dough conditioner | 30000 p.p.m.<br>5000 p.p.m. (on flour) |
| Succistearin | Emulsifier in shortenings and edible oils for cakes, fillings, icings, toppings, pastries | — |
| Sugar beet extract | As flavour base | — |
| Sulphur dioxide | Food starch modifier | 500 p.p.m. |
| Sulphuric acid | Food starch modifier | — |
| Tannin | Boiler water additive | — |
| Tertiarybutylhydroquinone | Antioxidant in foods | 0.02% max. alone or with BHA and/or BHT |
| Tetrasodium EDTA | Boiler water additive | — |
| Terpene resin | As moisture barrier on soft gelatine capsules<br>Ascorbic acid and its salts (powders) | 700 p.p.m.<br>70000 p.p.m. |
| Trichloroethylene | Solvent in spice oleoresins<br>in decaffeinated ground coffee<br>in decaf. sol. (instant) coffee extract | 30 p.p.m.<br>25 p.p.m.<br>10 p.p.m. |
| 2, 4, 5-Trihydroxybutyrophenone | Antioxidant, alone or with others | 0.02% of oil or fat content of food |
| Trisodium nitrilotriacetate | Boiler water additive (not in contact with milk) | 5 p.p.m. |
| Vinyl acetate | Food starch modifier | (to provide no more than 2.5% acetyl groups) |
| Xanthan gum | Stabilizer, emulsifier, etc, in food | — |
| Xylitol | Foods for special dietary uses | — |
| Yeast-malt sprout extract | Flavour enhancer | 6% max. 5'-nucleotides |
| Yeasts, dried | None | (folic acid max. 0.004%) |
| Yellow prussiate of soda | Anti-caking agent in fine salt<br>Adjuvant for dendritic salt crystals | 13 p.p.m.<br>13 p.p.m. |

* proposed for removal

## PROVISIONAL FOOD ADDITIVE REGULATIONS

| | | |
|---|---|---|
| Brominated veg. oils | Flavouring oils for fruit flavoured beverages (interim tolerance) | 15 p.p.m. |
| Saccharin and its ammon. calc. and sod. salts (permitted until further report on safety produced) | Special dietary foods: | |
| | Beverages and fruit juice containing drinks | 12 mg/fl oz alone |
| | Sugar substitutes for cooking or table use | 20 mg/serving equiv. 1 teaspoon sugar |
| | Processed foods | 30 mg/serving |
| | To reduce bulk and enhance flavour in chewable vitamin and/or mineral tablets | — |
| | To retain flavour and physical properties of chewing gum | — |
| | To enhance flavour of flavour chips in non-standardised bakery products | — |
| Spice mixes | May not mix nitrates or nitrites with seasonings, flavours etc. which are or contain a source of secondary or tertiary amines such as hydrolysed vegetable protein, soya products, spice extracts. | — |

## PROHIBITED FOOD ADDITIVE REGULATIONS

This list is not exclusive. The following are on this prohibited list:

Calmus oil
Cobaltous salts, acetate, chloride, sulphate
Coumarin
Cyclamate and calc., sod. magnes., potass. salts
Diethylpyrocarbonate
Dulcin
Flectrol H (1,2-dihydro-2,2,4-trimethylquinoline polymerised)
Mercaptoimidazoline and 2-mercaptoimidazoline
4, 4'-Methylenbis (2-chloroaniline)
Monochloroacetic acid
Nordihydroguaiaretic acid P-4000 (5-nitro-2-n-propoxyaniline)
Safrole, oil of sassafras, isosafrole, dihydrosafrole
Thiourea

are laid down to correspond to the size of the label.) Other obligatory declarations may be given in the information panel which is that part of the label immediately contiguous and to the right of the principal display panel (with certain exceptions). These are: the name and place of business of the manufacturer, packer or distributor; ingredients for standardized foods must be declared as required by the Standard of Identity; for non-standardized products, all ingredients must be declared in their decreasing order of predominance; number of servings (optional); nutrition labelling (see below); statements on dietary properties and foods for special dietary uses.

All labels for meat products wholly or partly from the flesh of sheep, cattle, pigs or goats must be submitted for approval to the Meat Inspection Division, Bureau of Animal Industry, Agricultural Research Administration, Washington, D.C. It is advisable to submit labels for other products to the Food and Drug Administration, Washington, D.C., for comment; they should be accompanied by a complete quantitative statement of ingreds.

## NUTRITION LABELLING

Optional regulations regarding declaration of nutritional value of a foodstuff on all labels used after 31st Dec., 1974. Very detailed requirements regarding cholesterol, vitamins, minerals, calories, protein, carbohydrates, fat, fatty acids, polyunsaturated fatty acids, etc., to be given in relation to average or usual serving. If any nutrient added to a product or if any nutrition claim or information given on label or in advertisement then full nutrition labelling mandatory. May not claim that food is significant source of a nutrient unless contains min. 10% U.S. R.D.A. per serving. Special labelling restrictions regarding claims for dietary properties on foods for special dietary use also laid down.

## PACKAGES

Packages or containers which are so made, shaped, or filled as to be misleading may result in consignments being held to be misbranded. The most common cause of deception of this kind is slack filling. This may be due to the use of excessive brine, oil, or other packing medium, or there may be excessive empty space in the container. Other forms of misleading packing are: —

Bottles or jars of excessively thick glass, or with indented panels, long necks, indented bottoms, or irregular shapes. Individual cartons used to enclose such glassware may increase the deception.

Containers with false bottoms, indented bottoms, or raised covers.

Outside cartons too large for the inside container.

Boxes with extension edges wrapped in transparent cellulose paper.

Unnecessary use of partitions and dividers, paper wads, etc.

Loose packing, such as individually wrapped sweets with long twisted ends, etc., or fewer pieces in a lower layer than in the top layer.

Deceptive face dimensions, where the width and length of the package are too large in relation to the depth, as with an exceptionally thin bar of chocolate.

## HYGIENE

Foods must not be prepared under unhygienic conditions, or be contaminated with "filth", and imports are examined for evidence of failure to comply with these requirements.

# AMERICA, SOUTH

## ARGENTINA

### BEVERAGES, NON-ALCOHOLIC

Fruit or veg. juices, milk, whey, natural extracts or essences; alcohol, max. 0.5%; clear, no sediment, fruit juice drinks may be opalescent. Drinks with less than 10% fruit juice or pulp must be called "with flavour of . . ." (name fruit). If artific. flavours used drink must be called artificial in letters min. 2 mm high. If word "orange" in name of drink, min. 10% juice, may add natural essences. Optional: $CO_2$, min. 1.5 atmos at 21°C; sucrose, dextrose, invert sugar, citric, tartaric, phosphoric, gluconic, lactic acids; permitted colours (see Tables, pp. 800–806); brominated veg. oils, max. 0.05 g/100 ml (Br max. 35%); in tonic water, quinine, max. 20–110 mg/l; in cola-type drinks, caffeine, max. 20 mg/100 ml. Preservatives: in carbonated drinks: benzoic or sorbic acids or both, max. 600 p.p.m.; in non-carbonated drinks, benzoic or sorbic acids or both, max. 800 p.p.m.; $SO_2$ only as carry-over from fruit juice.

### COCOA, CHOCOLATE, AND CONFECTIONERY

**Cocoa Mass.** Fat, 45–48%; moisture, max. 8%; cocoa starch, max. 8.5%; total ash, max. 4%; water-insol. ash, max. 3%; cocoa alkaloids, max. 1–4%; crude fibre, max. 3%.

**Cocoa Powder.** Fat, min. 8%. Alkalinity of ash, max. 3.75% (as $K_2CO_3$) of fat-free dry matter; moisture, max. 9%.

**Soluble Cocoa.** Total ash, max. 15.5%; alkalinity of ash, less than 6.5%; both on fat-free dry matter.

**Sweet Cocoa.** Sugar (sucrose, dextrose, invert sugar), max. 68%.

**Solubilized Sweetened Cocoa.** Soluble cocoa with sucrose, dextrose, invert sugar, max. 68%. Optional: permitted flavours.

**Chocolate.** Cocoa mass, min. 32%; sucrose, dextrose, invert sugar and flavourings, max. 68%; moisture, max. 3%; total ash, max. 2.5%; cocoa butter, min. 16%. Optional: added lecithin, max. 0.5%; flavours, vanillin, ethyl vanillin; cocoa butter. No fats other than cocoa butter.

**Milk Chocolate.** Milk solids, min. 15%; milk fat, min. 3%.

**Chocolate Fondant.** Cocoa butter, min. 30%.

**Chocolate Couverture.** Cocoa butter, min. 22.5%; sucrose, dextrose, invert sugar, max. 50%. Optional: lecithin as for chocolate; GMS 2% of fat.

**Milk Chocolate Couverture.** Cocoa butter, min. 22.5%; total milk solids, min. 12%; milk fat, min. 2.5%; sucrose, dextrose, invert sugar, max. 50%.

**White Chocolate.** Cocoa butter, min. 25%; milk solids, min. 25%. Optional: sucrose, dextrose, invert sugar flavours. Other fats prohbd.

**Sugar Confectionery.** Sucrose, glucose, permitted organic acids, natural and artific. flavours, colours (see Tables, pp. 800–806), other foodstuffs. Definitions of a number of types of sugar confy. laid down, inc. chewing gum.

*ARGENTINA (cont.)*

### COFFEE PRODUCTS

**Instant Coffee.** Moisture, max. 3.5%; caffeine, min. 1.50%; no artific. flavours.

**Decaffeinated Coffee.** Caffeine, max. 0.20% (if called "coffee without caffeine", max. 0.10%).

### FISH PRODUCTS

**Fish and Shellfish Pastes.** Wheat flour, cornflour, potato flour, max. 20%; salt, max. 18%.

### FLOUR AND FLOUR PRODUCTS

**Alimentary Pastes.** Water, max. 14%; acidity, max. 0.45% (as lactic acid). Colouring permitted. On boiling with water must not disintegrate or colour the water. *Egg products:* min. 0.04% cholesterol (of dry matter); colours—saffron or beta carotene.

### FRUIT AND VEGETABLE PRODUCTS

**Tomato Conserves** (general). Howard mould count (on material reduced to dry matter content of 8.37—9.37%), majority of fields must not be positive; insol. ash, max. 0.5%; starch, max. 6% of dry matter; ratio of total dry matter to organic matter, min. 1.2, max. 1.4.

**Tomato Juice.** Added salt, max. 1%.

**Tomato Purée.** Salt-free dry matter, min. 8.37%, max. 11.99%. Added salt, max. 5%.

**Tomato Sauce.** Salt-free dry matter, min. 12%, max. 15.99%. Added salt, max. 5%.

**Tomato Extract, Concentrate.** Added salt, max. 5%. Salt-free dry matter, (declar. of %): "single", 16—28%; "double", 28—36%; "triple", over 36%. Dried extract: water, less than 20%; added salt, max. 10%.

**Tomato Ketchup.** Dry matter, min. 35%. No added colour.

**Jams, Jellies.** Sol. solids, min. 65%. pH 2.8—4.2. Optional: sucrose, dextrose, invert sugar, honey; addition of juices of fruits rich in pectin, in necessary amounts only; citric, malic or tartaric acid in amount necessary for flavour or to reduce *p*H to min. reqd. for jellying (3.4); permitted colours if specially authorized in particular cases; flavours (declar.).

### GELATINE PRODUCTS

**Table Jellies.** Edible gelatine, sugar, citric, malic or tartaric acid, harmless flav., permitted colours.

### INFANT FOODS

Labelling (of foods for infants up to two years): qual. and quant. declarn of principal ingreds. inc. calc., vitamins C and D; directions for use if to be diluted and % ingreds. in diluted food; statement of acidity (as lactic acid); instruction to consult doctor.

### DIETETIC FOODS

Detailed standards for foods with modified energy value, fortified foods, low carbohydrate, low gluten, low sodium, sodium-free foods. Artificial sweeteners: sod. and calc. saccharin, max. daily intake 5 mg/kg body weight; sod. and calc. cyclamate, max. daily intake 50 mg/kg body weight.

### MEAT PRODUCTS

**General.** Permitted additions (no declar.): milk, egg, spices, salt, saltpetre (max. 300 p.p.m.), sod. nitrite (residual, max. 200 p.p.m.), phosphates, max. 0.5% (must not result in significant increase in moisture content of meat prod.), sugar, honey, flav. substances, farinaceous substances (where regs. allow, but max. 10%).

## SPICES, CONDIMENTS, AND FLAVOURINGS

**Spices.** Quantitative standards for ash, moisture, sand, etc., for numerous spices, representing good commercial quality.

**Curry Powder.** No starches, inert substances. Declar. of ingreds. reqd.

**Mustard Paste.** Optional: wine, vinegar, salt, sugar, citric, lactic or tartaric acid, oils, condiments which do not imitate or reinforce colour of the mustard. Carbohydr., (calcd. as starch), max. 24%; crude fibre, max. 12%; nitrogen, min. 5.6%; natural mustard oil, min. 0.10% (all on dry matter).

**Table Salt.** Moisture, max. 0.5%; water-insol., max. 0.3%. Sulphates (as calc. sulphate), max. 1.4% and calc., magnes., potass. chlorides, total max. 1.0% of dry residue. Sieve tests: all through 420 micron I RAM sieve; 90% retained by 125 micron I RAM sieve.

**Flavouring Extracts and Essences.** Quantitative standards for many natural extracts and essences. Essential oils: propyl, octyl, dodecyl gallates, BHA, BHT, max. 0.1%; calc. silicates, max. 2% in powdered flavours.

## SUGARS AND SUGAR PRODUCTS

**Refined Sugar.** $SO_2$, min. 20 p.p.m. (2nd grade, min. 70 p.p.m.).

**Invert Sugar.** Sucrose, max. 30% (syrup), 5% (paste).

**Glucose Syrup.** Ash, max. 1%. °Baumé 41—45° (declar.). Optional: traces of ultramarine.

**Icing Sugar.** Starch, max. 3% or anticaking agents (declar.), max. 1.5%: magnes. stearate, carbonate, trisilicate, and phosphate; calc., sod., alumin. silicate; silica gel.

## VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** Word "vinegar" unqualified refers to wine vin. only. Others must be named after source material (*e.g.*, malt vin.). Acetic acid, min. 4%, (malt and cider vin., 3%); reducing sugar, 1%; total ash, 0.1%. No preserv., or colours.

**Pickles.** Drained wt., min. 60%. Liquid: acidity (as acetic acid), min. 2%; sorbic acid, Na, K salts, max. 600 p.p.m. pH, max. 3.5. Salt, 2.5—6% (except for prods. sterilized in actual containers). Copper, max. 30 p.p.m.

**Mayonnaise.** Oil *plus* egg yolk, min. 78%; declar. of starch if above 0.5%. No dried yolk, egg albumen or other emulsifiers. If the oil *plus* egg yolk is less than 78%, the substance must be called "dressing with mayonnaise base"; if no yolk, "dressing" only. Nat. or synth. carotene, max. 2 mg/kg may be added. MSG, inosinates, guanylates permitted.

**General.** Containers and their caps for vinegar and products containing it must satisfy strict conditions of resistance to acid and salt.

## ANTIOXIDANTS

In edible oils: propyl, octyl, dodecyl gallates, max. 0.01%; BHA, max. 0.02%; BHT, max. 0.02%; mixture of all these, max. 0.02% provided gallates max. 0.01%; tocopherols; ascorbyl palmitate and stearate, max. 0.02%; citric and phosphoric acids, monoisopropyl citrate, monoglyceride citric acid esters, max. 0.01%.

## COLOURING MATTERS

See Tables, pp. 800-806.

## BOLIVIA

Imported foods must be analysed and registered by the Health Authority, unless guaranteed by a certificate of analysis issued by a fiscal laboratory in the country of origin, and validated by a Bolivian consular agent.

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## BRAZIL

### FOOD ADDITIVES

Recent legislation covers a wide range of food additives and sets max. limits in various foods. **Acidulants** include adipic, citric, fumaric, glycollic and gluconic, lactic, malic, phosphoric, tartaric acids.

**Permitted antioxidants** include propyl and dodecyl gallates, BHA, BHT, NDGA and *iso*propyl citrate.

**Preservatives** include $SO_2$, benzoates, p-hydroxy benzoates, propionates, diethyl pyrocarbonate and sorbic acid, and sorbates, propionic acid.

**Stabilisers.** Nat. gums, propylene glycol alginate, Na CMC. Mono- and diglycerides, carrageenan, sod. and calc. stearoyl-2-lactylate, sorbitan esters and polyoxyethylene (20) sorbitan esters, brominated vegetable oils, agar, alginates.

**Artificial Sweeteners.** Ca, Na cyclamates, Saccharin and Na salt. (Dietetic products only).

### BAKING POWDERS

Permitted ingreds.: ammon. carbonate, sod. bicarb., calcium acid phosphate, citric or tartaric acid, cream of tartar, starch. $CO_2$ evolved from 18 g. in ½ kg. flour must average 1,450 ml.

### BEVERAGES

**Fruit Juice.** Prepd. by cold or hot pressing. Alcohol, max. 1%. No colouring matter. Optional: added sugar, max. 10% (except to grape), diethyl pyrocarbonate, max. 0.02% in filtered juices, 0.04% in unfiltered.

**Fruit Syrups.** Spec. grav., min. 1.30 at 15°C. (34° Baumé). Up to 30% of sugar may be replaced by glucose if % declared. Alcohol, max. 1% (vol.). Optional: citric acid (max. 0.2%), tartaric acid (max. 0.3%), malic acid (max. 0.3%), total acid max. 0.7% (as citric). No artif. flav. or colour.

**Artificial Syrups.** As for fruit syrups, but with artif. flav. and permitted colour.

### COCOA, CHOCOLATE, AND SUGAR CONFECTIONERY

**Cocoa Mass.** Cocoa butter, min. 50%; volatile at 105°C., max. 7%; natural starch, max. 9%; cellulose, max. 3.5%; total ash, max. 5%; water-sol. ash, max. 3%.

**Soluble Cocoa.** Cocoa butter, min. 16%; added potass. or sod. carbonate, max. 3% (as $K_2CO_3$). Must not be described as "pure".

**Chocolate.** Sugar, max. 68%; cocoa butter, min. 20%; volatile at 105°C., max. 3%; total ash, max. 2.5%.

**Chocolate Powder.** Cocoa butter, min. 8%; volatile at 105°C., max. 3%.

**Dietetic Chocolate.** Chocolate with fat content 5% or lower must be described by this name.

**Milk Chocolate.** No special standard.

**Confectionery.** Permitted ingreds.: sugar, glucose (max. 30 parts per 70 parts sugar), harmless veg. or permitted synth. colours; harmless synth. essences; starch (max. 2.5%); citric or tartaric acid, max. 1%.

Products containing milk, coffee, chocolate, coconut, honey, egg must not contain foreign starch or artif. colour or flav. Dragées, pastilles and such may be coated with talc, max. 0.3%, and outer layers may contain minimum amts. of wax, stearine, edible veg. oil or purified paraffin. Detailed definitions of ingreds. for sugared almonds, pastilles, pralines, nougat, nougatine, chewing gum. Marzipan: one-third almonds with two-thirds sugar; HCN, max. 0.005%.

**Glucose Syrup.** $SO_2$, max. 0.045%.

## FISH PRODUCTS

**Fish Pastes.** Farinaceous matter, max. 10%; salt, max. 18%.

**Smoked Fish.** Moisture, max. 35%.

**Caviare and Similar.** Salt, max. 10%; fat, min. 4.5%; nitrogen by formol titration, max. 0.05%. No free hydrogen sulphide reaction.

## FLOUR PRODUCTS

**Biscuits.** Moisture, max. 14%; salt-free ash, max. 3%; acidity, as for flour. No colouring matters or essences except in fillings or coverings.

**Alimentary Pastes.** Moisture, max. 15%; ash, max. 1%; acidity, max. 5 ml. normal alk. per 100 g. No added colour except curcuma (must then be specially labelled as coloured but without egg). Egg products must contain cholesterol from egg, min. 0.45 g./kg. Gluten products: protein, min. 15%.

**Pudding Powders, Dessert Powders.** Starches, flours, natural extracts and essences, cocoa, chocolate, sugars, gelatine, and other natural products. Artif. essences and permitted colours only if product labelled "artificial". Adipic, citric, malic or fumaric acids, max. 0.2% on product as consumed.

## FRUIT AND VEGETABLE PRODUCTS

**Canned Vegetables.** No addition of colour, except copper salts of harmless anions, max. 30 p.p.m. (declar.).

**Tomato Paste.** Salt, max. 5%. Salt-free dry matter, min. 10%, max. 16%. Howard mould count, max. 65%; bacteria, max. 200 million per ml.; yeasts and spores, max. 125 in 1/60 ml.

**Tomato Extract.** Salt-free dry matter: single ("simple"), min. 16%, max. 28% "double", min. 28%, max. 33%; "triple", min. 33%. Salt max. and micro-organisms as for tomato paste.

**Tomato Ketchup.** Dry matter, min. 35%. No added colour.

**Dehydrated Vegetables.** Moisture max. 10%; $SO_2$, max. 0.02%.

**Soup Powders.** Mixtures of dehydrated vegetables, salt, cereal flour, skimmed milk powder, sod. glutamate, condiments, spices. Moisture, max. 9%. Optional: dried yeast (with declar. of formula of product and content of vit. $B_1$).

**Jams, Marmalades.** Matter volatile at 105°C., max. 20%. Optional: glucose (declar. of %); added citric or tartaric acid, max. 0.2%; pectin; $SO_2$, max. 0.02%. No added colour.

**Fruit Jellies.** Dry matter, min. 65%. Optional: added citric or tartaric acid, max. 0.15%; pectin and $SO_2$ as for jams. Added colour only if product called "artificial".

## GELATINE AND GELATINE PRODUCTS

**Edible Gelatine.** Ash, max. 2%; nitrogen, min. 15%; pH of 12.5% solution, 6.8—7.0; arsenic, max. 1 p.p.m. A 1% soln. in warm water, allowed to cool, should form a colourless, practically tasteless jelly.

*BRAZIL (cont.)*

**Jelly Crystals, etc.** Gelatine, sugars, citric or tartaric acid, flav., permitted colour. Labelling: declar. "artificial", and name of flav.

## INFANT MILK FOODS

Milk powder with optional additions: dextrin, sucrose, maltose, lactose. Moisture, max. 6%; milk fat, min. 4%. No undextrinized starch.

## INVALID AND DIETETIC FOODS

**Dietetic foods:** must be labelled with date and statement of % moisture, fats, carbohydrates, proteins. Special limits for added vitamins or minerals in dietetic foods.

## MEAT PRODUCTS

**General.** Permissible additions to preserved meat products: salt, sugar, glucose, edible oils, condiments, wine vinegar, spices, egg, milk, vegetables, starch or flour (max. 5%, except as given below), sod. or potass. nitrate., sod. or potass. nitrite (max. 0.02%); polyphosphates, max. 0.5%; sorbic acid, 0.1%. Veterinary certificate requd. for imports, visad by Brazilian consul.

**Meat Pastes.** Moisture, max. 55%; starch or flour, max. 10%.

**Canned Meat Products.** Carbohydrates (from flour and/or vegetables), max. 10%. Minimum amts. gelatine allowed for jelly, also agar if special permission obtained. Meat and veg. products: per cent. of meat and of veg. to be declared.

**Meat Extract.** Dry matter, min. 75%; ash, max. 27% of dry matter; salt, max. 12% of dry matter; fat, max. 0.6%; total nitrogen, min. 8%; meat bases (as nitrogen), min. 40% of total nitrogen; creatin and creatinine (as nitrogen), min. 10% of total nitrogen.

## SPICES, CONDIMENTS, AND FLAVOURINGS

**Mustard Powders.** Volatile at 105°C., max. 10%; ash, max. 5%; ash insol. in 10% HCl, max. 1.5%; starch, max. 1.5%.

**Table Mustard, Prepared Mustard** (Powdered or Paste). Mustard powder, vinegar, edible oil, wine or water. Optional: salt, sugar, flavours.

**White Pepper.** Ash, max. 7%; ash insol. in 10% HCl, max. 1.5%; alc. extract, min. 15%.

**Salt (refined).** NaCl, min. 98%; water-insol., max. 0.3%; limited turbidity. Must be sterile.

**Salt (Table).** Refined salt with max. 5% tricalcium phosphate or calcium carbonate. Moisture, max. 0.5%. Labelling: statement of kind and % of calcium salt added.

**Essential Oils, Natural Essences.** Essential oils only. Alc. solutions. min. 30% ess. oil (declar. of compn. and concn.); ethyl alc. only.

**Artificial Flavourings.** Synthetic, or mixtures of synth. and natural essences. Permitted ingreds. of synth. essences: ethyl and amyl acetates, butyrates, valerianates, acetaldehyde, benzaldehyde, cinnamic aldehyde, vanillin, coumarin, glycerine, anethol, citral.

**Vanilla Flavouring (Artificial).** Alc. soln. of vanillin and coumarin, coloured with vanilla or tonka extract or caramel. Vanillin, min. 15%; coumarin, min. 1%; caramel, max. 5%. Declar. of nature and % of ingreds.

### VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** Acetic acid, min. 4% (spirit vinegar 6%); extract, min. 1.2%, max. 2.2%; NaCl, max. 0.2%; ash, min. 0.1 g./100 ml.; alcohol, max. 1% (vol.); reducing sugars (non-wine vinegar), max. 5%, $SO_2$ max. 0.02%. No flav., or colours (except caramel in spirit vinegar). Vinegar other than from wine must be named after source material.

**Pickles.** Acidity, min. 66.6 ml. normal alkali per 100 g. Salt pickles: brine strength, min. 24%. Lactic acid, 0.2%.

**Colouring Matters.** See Tables pp. 800-806. Coal-tar colours may not be added to animal products. Applications for registration of foodstuffs with added colouring must state name of manufacturer and origin of colouring, with approval registration no. of latter.

## CHILE

**General.** All imports of manufd. foods must be authorized by Director-Gen. of Health when he is satisfied that the product in question is not adulterated, contaminated or falsified. Official certificates of analysis requd. Authorizations of additives, etc., mentioned in text are also dealt with by Health Dept.

### BAKERS' PREPARED MATERIALS

**Marzipan.** Obtained by heating a mixture of almonds, sugar, and lemon peel, exclusively.

### BEVERAGES, NON-ALCOHOLIC

**Fruit Juices.** Expressed juice only. Alcohol, max. 1%. Optional: sorbic acid, max. 700 p.p.m.; diethyl pyrocarbonate, 200 mg./litre.

**Concentrated Fruit Juice.** Density (15°C.), min. 1.35.

**Syrups.** Sugar, water and fruit juice or veg. extract or infusion. Density (15°C.), min. 1.32. Alcohol, max. 0.5%. Optional: citric, tartaric, lactic, sorbic, ascorbic acids, flav., natural colouring (declar.), glucose to max. 30% of total sugars (declar.), artif. sweeteners if specially authorized. No preservs., saponins, prohibd. flav. Labelling: use of word "Natural", or designs suggesting natural origin, only if prepd. solely from fruits or fresh veg. materials and sugar; if prepd. wholly or partly from artif. products, must be described as "imitation" or by a fancy name. Statement of ingreds. requd.

### COCOA, CHOCOLATE, AND SUGAR CONFECTIONERY

**Cocoa Mass.** Moisture, max; 7%. ash, max. 5%; sol. ash, max. 4%; fat, min. 45%; cellulose, max. 3.5%.

**Cocoa Powder.** Fat, min. 10%.

**Sweetened Cocoa.** Sucrose, max. 68%.

**Solubilized Cocoa.** Ash, max. 13.5%; alk. of ash, less than 6.5% (as potass. carb.); both on fat-free dry matter. Reaction must be acid.

**Chocolate.** Cocoa mass, min. 32%; sucrose, max. 68%; moisture, max. 5%; ash, max. 2.5%; cocoa butter, min. 14%; permitted additions; cinnamon, vanilla, vanillin, spices

*CHILE (cont.)*

**Milk Chocolate.** Total milk solids, min. 15%.

**Fancy Chocolate** (with almonds, hazelnuts, walnuts, peanuts, honey). To be named in accordance with ingredients.

**Fondant or Swiss-type Chocolate.** Cocoa butter, min. 30%.

**Covering Chocolate.** Sucrose, max. 50%; cocoa butter, min. 22.5%; added lecithin, max. 0.5% (no declar.).

**Sugar Confectionery.** Permitted artificial colours allowed.

## COFFEE PRODUCTS

**Coffee Extract.** Density (15°C.), min. 1.100; dry matter, min. 25%; caffeine, min. 0.90%; sugars, max. 50% (declar. of proportion).

**Coffee Powder.** Caffeine, min. 0.9%; sugars, max. 50% (declar. of proportion).

## FATS AND OILS

**Edible Vegetable Oils.** Must be liquid at 15°C. Physical and chem. data for individual oils defined. Mixtures may be called "edible oils" or "table oils". Antioxidants may be added if authorized.

**Fats.** Acidity (as oleic), max. 1.0%; specifications are given for cocoa butter, coconut oil and animal fats.

**Peanut Butter.** Roasted peanuts with 1–3% salt; moisture, max. 13%; starch, max. 8%; ash, max 6%; fat, min. 40%.

**Margarine.** Moisture, max. 16%; fat, min. 82%; starch tracer, 0.1 to 0.3%; acidity of fat (as oleic), max. 1%. Optional: milk emulsifiers, natural colour, salt, lecithin, mono- or diglycerides of fatty acids, mixtures of such with sod. sulphoacetate derivs. and/or with lecithin (total stabilizer, max. 0.5%; but lecithin, max. 0.5%, may be used with mono- and diglycerides, max. 0.5%); antioxidants and synergists as under "Antioxidants" (except BHT, max. 0.01%), also lecithin citrate, max. 0.03%; lactic cultures or distillates, authorized flavours; isopropyl citrate, max. 0.02%; stearyl citrate, max. 0.15%; vit. A, min. 30000 i.u./kg. Preservs.: benzoic acid, sod. benzoate or their mixtures, max. 0.1%; sorbic acid, max. 0.02%. Special packing and labelling prescribed. Declar. of antioxidant, salt (if over 0.5%), benzoic acid and benzoate, vit. A (if added).

## FLOUR AND FLOUR PRODUCTS

**White Flour.** "Firsts": extraction, max. 78%; moisture, max. 15%; ash, max. 0.6%; cellulose, max. 0.2%; protein, min. 9%; acidity, as sulphuric, max. 0.147%. "Seconds"; cellulose, max. 0.4%; protein, min. 10%; as sulphuric, max 0.17%; enrichment with specified vitamins and minerals obligatory. Permitted additives: pot. bromate, 50 p.p.m.; ascorbic acid, 20–25 p.p.m.

**Dessert Powders.** Starches, gelatines, sugar, etc. Optional: permitted colour (declar.), synth. flav. (declar.). No artif. sweeteners.

**Alimentary Pastes.** Acidity, as sulphuric, max. 0.25%. Egg pastes: min. 150g. egg yolk per kg. flour.

Other characters as for flour of origin; no added colours except saffron.

## FRUIT AND VEGETABLE PRODUCTS

**Canned Vegetables.** No added preserv., colour or artif. sweetener.

**Tomato Sauce.** Dry matter (NaCl free), 10% min.

**Tomato Concentrates.** Salt, max. 1%. Dry matter: "ordinary", 12-16%; "double", 16-22%; "triple", 22-35%; sorbic acid, max. 500 p.p.m.

**Tomato Puree.** Salt-free dry matter, max. 10%. Added colour prohibd.

**Dried Fruits.** Moisture, max. 16%; $SO_2$, max. 1000 p.p.m.

**Jams.** Moisture, 40% max.; pectin allowed in marmalades and jellies, also sorbic acid, 250 p.p.m. max.

## DIETETIC PRODUCTS

Formulae must be registered with and approved by the Health Authorities. Foods must be packed in hermet. sealed containers. Labelling: statement of chem. compn. or nutritional value in calories; percentage ingred. compn.; duration and expiry date when case requires; and general labelling rules. Enrichment of foods with vitamins, etc., requires authorization and must be declared.

## MEAT PRODUCTS

**Meat Pastes and other Meat Preserves.** Optional: milk, egg, spices, salt, saltpetre (max. 1%), flav. substances. No artif. colour. No addition of amylaceous materials. Labelling: statement of ingreds. including kinds and proportion, of meats (if meat other than that claimed is present). *Foie gras paste:* duck or goose liver only, min. 75%; moisture, max. 65% of fat-free substance. *Pâté de foie:* liver of pig, sheep or cattle; moisture, as for "foie gras"; optional: pork, beef, binding agent (must be expressly authorized), lard, egg, condiments.

**Meat Extract.** Water, max. 28%; fat, max. 1.5%; salt, max. 15%; ammoniacal nitrogen, max. 0.50%; total nitrogen, min. 8%; subst. sol. in 80% alcohol, min. 60%; subst. insol. in cold water, traces only; gelatine, traces only. No dextrins, coagulable protein, casein derivs., yeast extracts or other foreign matter.

## MILK PRODUCTS

**Condensed Milk (Unsweetened).** Milk fat, min. 7.8%; dry matter, min. 28%. No pathogens, *E. coli*, moulds or yeasts.

**Condensed Milk (Sweetened).** Milk fat, min. 8%; total milk solids, min. 28%. Absence of organisms as for Unsweetened C.M.

**Dried Milk.** Milk fat, min. 24%; moisture, max. 4%; water-sol., min. 99%; acidity, as lactic, max. 1.6%; microbial count, max. 50000/g.

**Dried Semi-skimmed Milk.** Milk fat, min. 12%; otherwise as for dried milk.

**Dried Skimmed Milk.** Milk fat, max. 12%; moisture, max. 5%; otherwise as for dried milk.

**Processed Cheese.** Moisture, max. 43%; fat, min. 40% of dry matter. Optional: emulsifying salts, milk, salt, permitted colouring, enzymes, starters.

*CHILE (cont.)*

## SPICES, CONDIMENTS, AND FLAVOURINGS

**Curry Powder.** Spices only. Declar. of ingreds.

**Mustard.** Essential oils, min. 0.6%; ash, max. 6%; starch, max. 1.5%.

**Table Salt.** Sod. chloride, min. 97% (95% if max. 2% of calc. phosphate or mag. carbonate added); nitrates, max. 0.50% (as potass. nitrate); sulphates, max. 1% (as sulphuric acid). Optional: potass. iodide, 5 p.p.m.

**Flavourings and Essences.** Synth. products, and mixtures of such with natural products, must be called artificial. Prohibd.: alc. other than ethyl, organic acids other than citric, lactic or tartaric, synth. sweetening agents, benzaldehyde, and harmful substances generally. Monosod. glutamate and papain permitted with disod. inosinate *plus* guanylate (1:1), max. 0.2% of finished food. Permitted colours only (declar.).

## SUGAR AND SUGAR PRODUCTS

**Refined Sugar.** Sucrose, min. 99.5%; insol. matter, max. 0.1%; ash, max. 0.2%.

**Invert Sugar.** Sucrose, max. 20%; water, max. 20%; ash, max. 0.5%; acidity (as tartaric), max. 0.5%.

**Glucose.** Reducing sugar (as dextrose), min. 40%; ash, max. 1%; acidity (as sulphuric), max. 0.2%.

## VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** Acetic acid, min. 4%. No additions of acetic acid, foreign matters or colouring. Solns. of acetic acid must be called "artif. vinegar." Labelling: vinegar other than wine vinegar must be designated by word "vinegar" together with name of material from which derived.

**Pickles.** Acidity of liquid (as acetic), min. 3%; copper, max. 10 p.p.m. Declar. of kind of vinegar (if not from wine).

**Sauces.** No preserv. unless authorized. Labelling: list of ingreds. (declar. if containing preserv. or permitted colour).

**Mayonnaise.** Egg yoke, edible oil, flavouring, condiments. No starch, colouring or thickener. Water, max. 30%; sorbic acid, 0.1–0.15%. Microbial count, max. 100000/g.; no *E. coli* or pathogens.

## COLOURING MATTERS

See Tables, pp. 800-806. No use of colouring matters unless authorized.

## PRESERVATIVES

No chemical preservatives except where specifically permitted, *e.g.* sorbic acid in tomato preserves (*q.v*).

## ANTIOXIDANTS

The following are permitted in oils and fats (includ. margarine), subject to authorization and declar.: BHA, BHT, max. 0.02% and NDGA, max. 0.01%; propyl, octyl and dodecyl gallates, max. 0.01%; and mixtures of these, max. 0.03% (each within its limit). Permitted synergists: citric, tartaric, ascorbic acids, max. 0.015%; phosphoric acid, max. 0.005%. Other antioxidants and synergists if authorized.

### STABILIZERS, THICKENERS, AND FOAMING AGENTS

Use of these requires authorization. Saponins prohibd.

### CONTAINERS

Tin-plate containers must be lacquered internally, except in cases expressly authorized. Requirements for lacquer for each type of product laid down by Director-Gen. of Health.

### LABELLING

Main labels of containers must show: name of product; designation according to standard, if any (otherwise declar. of ingreds. as percentage or vol. compn. or activity); net wt. or measure (metric); name and location of factory or producer, and agent or representative (for imports); statement of any processing which causes changes in structure or normal appearance to improve quality; statement whether natural or artif.; warning if for immediate consumption, or date of expiry if of limited duration; for imports, translation of main label into Spanish; admission no. granted by Health Dept.; date of manuf.—day, month, year (may be in code as laid down).

## COLOMBIA

### GENERAL

In the absence of much legislation on compn. and purity, practice is to adhere to standards and principles of the Food and Drug Administration of U.S.A. For imports, declar. reqd. that products conform to laws and regulations of producing country.

### COLOURING MATTERS

For permitted synth. colours (see Tables, pp. 800-805). Probably the colours of the U.S.A. list would also be acceptable. Max. amts. permitted: 0.1 g. per kg. or litre.

## ECUADOR

Pending legislation, Ecuador adheres to the Latin American Food Code.

## GUYANA

### COCOA

Water-extract, min. 15%; ash, min. 5%.

### FATS AND OILS

**Lard.** Water, max. 1%.

**Compound Lard** (or other lard substitute). Fat, min. 99%.

### FLOUR (WHEAT)

Moisture, min. 9%, max. 18%; ash, min. 0.33%, max. 2%; gluten (dried at 100°C), min. 5%.

### MILK PRODUCTS

**Condensed Milk.** Milk fat, min. 10%; nitrogen content, min. 1.4%.

**Condensed Milk (Skimmed).** Milk fat, min. 0.5%; nitrogen, min. 1.3%. Special labelling as unfit for use of children and invalids.

**Cheese.** Fat, min. 15%, max. 60% of product; water, min. 20% max. 64%; ash, min. 1%, max. 9%.

### VINEGAR

Acetic acid, min. 4%. No free mineral acid or other ingred. not normally present; no colouring or other substance making it or tending to make it appear of different kind or variety from what it is.

# PARAGUAY

No specific regulations for particular foods. Nat. colours only. $SO_2$ as preservative.

# PERU

## GENERAL

Imports: certif. of purity reqd. issued by a responsible health authority in exporting country, and certified by a Peruvian consul; this, with six samples of goods, reqd. for registration of product with Nat. Inst. of Health to obtain permission for entry.

## COCOA AND CHOCOLATE

**Cocoa Mass.** Fat, min. 45%; moisture, max. 10%; crude fibre, max. 4.5%; total ash, max. 4.5%; sand, max. 0.05%.

**Cocoa Powder.** "Fine": fat, min. 20%; moisture, max. 10%; crude fibre, max. 5.5%; ash, max. 5.5%; ash alkalinity, max. 3.8 ml N/10 per g. "Ordinary": fat, min. 15%; crude fibre, max. 5.8%; ash, max. 5.8%; ash alkalinity, max. 4 ml N/10 per g.

**Soluble Cocoa.** Added alkali, max. 3% (as $K_2CO_3$).

**Sweetened Cocoa.** Fat, min. 10% max. 20 %; crude fibre, max. 2.75%; ash, max. 2.75%; sugar, max. 60%.

**Cocoa Products.** (Mixtures with sugar, dried milk and other food products to modify flav.) Cocoa, min. 30%; sugar, max. 50%; dried milk, min. 12%.

**Sweetened Drinking Chocolate.** "Fine": fat, min. 16%; sugar (or glucose), max. 65%; crude fibre, max. 2%; ash, max. 10%. "Ordinary": cocoa mass, min. 20%; sugar, max. 75%; optional, edible fat, max. 5%.

**Sweetened Chocolate with Milk.** Fat, min. 18%; sugar, max. 50%; full-cream dried milk, min. 20%; R-M value of fat, min. 6.5; lactose, min. 8%; moisture, max. 10%; casein, min. 5%.

**Enriched Chocolate or Cocoa.** Recommended daily consumption to contain min. amts. shown of 4 of following (additions to be clearly named): vits. A (2,000 I.U.), D (200 I.U.), $B_1$ (0.62 mg), $B_2$ (0.9 mg), nicotinic acid (6.5 mg), calcium (200 mg), iron (6 mg).

**Labelling of Cocoa and Chocolate Products.** Name of product, commercial name, ingreds., manufacturer, net wt., and authorization of Nat. Inst. of Health to be shown.

## ESSENCES AND FLAVOURINGS

Exporters of these materials to Peru must register with the Inspector-General of Pharmacy.

## COLOURING MATTERS

Manufacturers who add colouring matters to food or beverage products imported into the country must register with Nat. Inst. of Nutrition, declaring nature and amt. of colouring matter used. Authorization must then be quoted on label. Harmless veg. colours, cochineal carmine, and coal-tar colours (see Tables, pp. 800-806) allowed.

# URUGUAY

## BEVERAGES, NON-ALCOHOLIC

**Fruit Juices.** Alcohol, max. 0.7%. Optional: $SO_2$ (declar.), max. 50 mg./litre, if juice not stated to be suitable for invalids or infants.

**Beverage Bases, Artificial.** Optional: fruit juices and syrups, plain syrups, veg. extracts, citric or tartaric acid, essences and permitted colouring. No preservs., saponins, synth. sweeteners.

## COCOA AND CHOCOLATE

**Cocoa Mass.** Cocoa butter, min. 45%; natural starch, max. 9%; cellulose, max. 3.5%; total ash, max. 5%; water-insol. ash, max. 3%.

**Cocoa Powder.** Optional: harmless flav. substances; sucrose, max. 70% (declar. of presence and amt.).

**Soluble Cocoa.** Total ash, max. 13.5% of fat-free dry matter; alk. of water-sol. ash, as $K_2CO_3$, max. 6.5% of fat-free dry matter.

**Chocolate.** Cocoa mass, min. 32%; sucrose, max. 68%; moisture, max. 3%; ash, max. 2.5%. If from alkalized cocoa, declar. reqd.

**Couverture.** Cocoa butter, min. 30%, max. 40%; optional: commercially pure coconut oil.

**Milk Chocolate.** Milk solids, min. 12%.

**Diabetic Chocolate.** Declar. of nature and proportion of synthetic sweeteners.

## COFFEE EXTRACT

Caffeine, min. 2.50%.

## FLOUR AND FLOUR PRODUCTS

**Flour.** No addition of chem. improvers or bleachers.

**Alimentary Pastes.** No artif. colouring matter.

## FRUIT AND VEGETABLE PRODUCTS

**Tomato Purée.** Salt-free dry matter, min. 10%; salt, max. 15%.

**Tomato Extract.** Salt-free dry matter, min. 16%; "double", min. 28%; "triple", min. 36%. Salt, max. 5%. Must be sterilized.

**Dried Fruit.** $SO_2$, max. 500 p.p.m.

## MEAT PRODUCTS

Optional: salt, sugar, wood smoke, vinegar, spices, saltpetre; sod. benzoate (declar., with statement of %).

## SPICES, CONDIMENTS, AND FLAVOURINGS

**Table Salt.** Moisture, max. 0.5%. Optional: max. 2% of approved harmless material to prevent caking (alkali phosphates or carbonates, starch, etc.).

**Essences and Flavourings.** Essences or essential oils: no alc. or colouring matter. *Flav. extracts:* ethyl alc. only as vehicle; no organic acids except citric, tartaric, lactic, and acetic acid; permitted colours only; no artif. sweeteners.

## SUGAR AND SUGAR PRODUCTS

**Refined Sugar.** Sucrose, min. 99.5%; ash, max. 0.2%; $SO_2$: max. 50 p.p.m. Optional: traces of ultramarine.

**Demerara Sugar.** As refined sugar. Optional: stannic chloride, phosphoric acid.

**Invert Sugar.** Sucrose, max. 30% (syrup), 5% (paste).

**Glucose.** Water, 14—25%; dextrose, 12—25%; maltose, 22—28%; dextrins, 40—60%; ash, max. 1%; acidity (as sulphuric acid), max. 0.05%; $SO_2$, max. 50 p.p.m. Optional: traces of ultramarine.

*URUGUAY (cont.)*

### COLOURING MATTERS

Certain authorized natural colours. Permitted coal-tar colours: (see Tables, pp. 800-806). Authorized and permitted colours may be used only in: (a) cheese and butter; (b) vinegar (not wine vinegar), brandy, liqueurs and beverages generally, (except beer), natural juices and products therefrom (wine, etc.); (c) jams and syrups; (d) cider (with cochineal) and cognac (caramel); (e) artif. products described as such. When colours added to naturally coloured products (*e.g.*, syrups from fruit juices), declar. reqd. and name of product must be accompanied by word "fantasia."

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## VENEZUELA

### BEVERAGES, NON-ALCOHOLIC

**Fruit Syrups, Natural.** Sucrose in fruit juice mixed with less than its own vol. of water. Density (25°C.), min. 1.32, or 36° Baumé. Optional: permitted colour (declar.). Preserv.: sod. benzoate, max. 0.1%.

**Essence Syrups.** As for fruit syrups but with harmless flav. essences. Optional: permitted colour; citric or tartaric acid, max. 3%. Preserv.: as for fruit syrups.

### COCOA, CHOCOLATE, AND CONFECTIONERY

**Cocoa Mass.** Fat, min. 50%; moisture, max. 8%; starch, max. 8.5%; fibre, max. 3%; ash, max. 4%.

**Cocoa Powder.** Shell, max. 4%. No foreign additions. If alkalized, alk. of ash (on fat-free dry matter) max. 9% (as $K_2CO_3$); must be called "soluble cocoa", and no use of word "pure".

**Chocolate.** Fat, min. 20%; sugar, max. 60%; moisture, max. 3%; fibre, max. 2%; ash, max. 2%.

**Confectionery.** Ingreds. of various types of confectionery defined. No artif. sweeteners or preservs. Gilding or silvering with fine gold or silver only. No metal or other objects in interior.

### FATS AND OILS

**Edible Oils.** Sale of mixtures prohibited.

**Hardened Fats.** Must be named to indicate origin. Raw materials not to include fish oils; negative test for catalyst; melting pt. 35—40°C.; special labelling requirements. Mixtures of hardened fats with lard or edible oils: declar. as such, with name and proportion of each ingred. If lard present, must be min. 50%.

### FLOUR AND FLOUR PRODUCTS

**Wheat Flour.** Moisture, max. 15%. On dry matter: starch, min. 70%; gluten, min. 10%; moisture, max. 15%; ash, max. 0.92%; ash insol. in HCl, max. 0.30%; cellulose, max. 0.35%; fat, max. 1.5%; acidity (as sulphuric acid), max. 0.13%. No bleaching with bromates, persulphates, or other oxidants which may affect its value in panification. No appreciable residue on sieve of 45 mesh/cm.

**Pastry, Biscuits, etc.** Natural and artif. raising agents (ammon. carb., sod. bicarb. and tartaric or citric acid). No artif.sweeteners,preservs., alum or other mineral substances.

**Alimentary Pastes.** Water, max. 10%; acidity, as lactic acid, max. 0.45% (first quality, 0.10%): Must support boiling with water without giving turbid liquid. Egg products: min. 3 fresh egg yolks per kg.; no artif. colour.

## FLOUR CONFECTIONERY MATERIALS

**Marzipan.** Sweet almond, 2 parts, with sugar, 1 part. Sugar may be partly replaced by glucose. Optional: permitted flav. (see under essences and flavourings). HCN, max. 5 mg./100 g.

**Nougat.** Paste of almond, honey, fresh egg-white. Optional: nuts, fruits, etc., glucose. Must be named to corresp. with principal ingred.

## FRUIT PRODUCTS

**Dried Fruits.** Moisture, max. 10% (20% if candied). Preserv.: $SO_2$, max. 100 p.p.m.

**Jams and Jellies.** No numerical standards. Optional: citric or tartaric acid, max. 1%; cochineal colouring; pectin or gelatine in amts. strictly to give consistency. Labelling of mixtures: names of each fruit in letters of equal size.

## MEAT PRODUCTS

**Meat Paste, etc.** Starch, max. 5%.

**Preserved Meats (general).** Optional: salt, sugar, wood smoke, acetic acid, vinegar, spices, monosodium glutamate, pot. sod. nitrate/nitrite, max, 220 p.p.m. Smoked products: phosphates, max. 5% in liquid;0.5% in product.Preservs., colouring matters or other chem. comps. which have not been approved by Min. of Health must not be added.

**Meat Extract.** Moisture, max. 25%; salt, max. 6% of dry matter; ammon. nitrogen, max. 400 mg./100 g. dry matter.

**Fluid Meat Extract.** Water, max. 60%.

## MILK PRODUCTS

**Condensed Milk.** Full cream evapd., unsweetened: total solids, min. 25%; milk fat, min. one-fourth of total solids. Full cream, condensed, sweetened: total milk solids, min. 28%; milk fat, min. 8%.

**Dried Milk.** Full cream: moisture, max. 5%; milk fat, min. 26% of dry matter. Skim or partly skim: declar. as such, with % fat. Declar. of sugar, if added.

## SPICES, CONDIMENTS, AND FLAVOURINGS

**Spices and Herbs.** Numerical standards for black and white pepper, cinnamon, cloves. No addition of artif. colour, foreign mineral or veg. substances, organic diluents or exhausted spice. Mixtures of spices: declar. names of all ingreds.

**Mustard.** Ash, max. 5%; essential oil, max. 2%.

**Compound Mustard.** Aromatic spices may be added if described as "flavoured". Optional: salt, turmeric.

**Salt.** Fine table salt: NaCl, min. 98%. Sod. or calcium phosphate, max. 2%. Nitrite or nitrate absent. Containers hermetic. sealed.

**Essences and Flavourings.** Must be officially analysed and approved before sale or use in foods or beverages. Usual aliphatic and aromatic esters allowed. Various classes of unsuitable materials. Almond essence: HCN, max. 4%. Alcohol and propylene glycol permitted as solvents.

## SUGAR PRODUCTS

**Glucose Syrup.** Water, max. 20%; total sugars, min. 70%; dextrins, max. 9%; ash, max. 0.70%; acidity, (as sulphuric acid), max. 0.50%; SO/, max. 40 p.p.m.

*VENEZUELA (cont.)*

### VINEGAR

Acetic acid, min. 4%, max. 6%. Quantitative standards for various types (not malt). No colouring matters or preservs. Analysis by Min. of Health reqd. before sale.

### LABELLING

Statements in Spanish requd. as follows: name and quality of product; if a mixture, list of ingreds. and/or percentage chem. analysis; declar. of artif. flav. or colouring; duration of products of limited life; instructions on storage and manner of use, if reqd. by the authorities; words "artificial", "imitation", "style" or "type" if called for, before or after name of food, in letters larger and more prominent than other letters; net contents (metric); name and address of producer and place of production; registration number, prominently placed.

### IMPORTS

Manufd. products must be submitted for registration in advance, with statement of all ingreds, samples of product and copies of proposed label and advertising literature; if composed of mixtures of cereals, starches, sugars, fats, cocoa and other substances must be accompanied by a quantit. analysis giving protein, carbohydr., fat, and mineral matter. Sanitary authorization of country of origin reqd., authenticated by Venezuelan Consul.

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# ASIA

## BURMA

*Only under government contract.*

## HONG KONG

### BEVERAGES, NON-ALCOHOLIC

**Aerated Waters.** Optional: harmless colour and flav., $SO_2$ or sod. benzoate, max. 2 grains/pt.

### FATS AND OILS

**Lard.** Moisture, max. 1%; material unavoidably present from rendering, max. 1%.

**Margarine.** Water, max. 16%; butter fat, max. 10%. Optional preserv.: sod. benzoate max. 0.15% *plus* benzoic acid max. 0.15% (declar. of both, stating these maxima).

### MILK PRODUCTS

**Condensed Milk.** (Sweetened). Milk fat, min. 8.0%; total milk solids, min. 28.0%.

**Evaporated Milk.** (Unsweetened). Milk fat, min. 7.8%; total milk solids, min. 25.5%.

**Cond. or Evapd. Milk.** (Skimmed). Non-fat solids, min. 26.0%. To be labelled (English and Chinese) as unfit for children up to 1 year.

**Dried Milk.** (Full cream). Milk fat, min. 26%.

**Dried Milk.** (Partly skimmed.) Milk fat, min. 8%. To be labelled (English and Chinese) as unfit for children up to 1 year except under medical advice.

**Dried Milk.** (Skimmed). To be labelled as for Condensed Milk (Skimmed).

### SPICES AND CONDIMENTS

**Mustard.** Ground black and white mustard seed. Ash, max. 8.0%; foreign starch, max. 3.0%.

### VINEGAR

Acetic acid, min. 4.0 g./100 c.c. Optional: caramel.

### PRESERVATIVES

Regs. similar to those of U.K. with similar schedule down to item 17, except that limit for $SO_2$ in jams is 40 p.p.m., and limits for sweetened mineral waters (and other soft drinks for consumption undiluted) are: $SO_2$, 140 p.p.m.; benzoic acid, 250 p.p.m. Following items additional: flour for biscuit manuf., $SO_2$, max. 50 p.p.m.; and limits for benzoic acid in p.p.m. in margarine (1500), oyster sauce (1000), chilli sauce (250), tomato sauce or ketchup (200), curry paste (350), Kweilin chilli (1050), preserved mixed bean sauce (250), shrimp paste (1050), fish sauce (1050), preserved soya bean (1050). Declarations on items as in U.K.

### COLOURING MATTERS

Regs. are in force similar to those of U.K. for synth. colours (see Tables, pp. 800-805). Labelling declarations on colourings and colouring and flav. compds. to be in English and Chinese.

### METALLIC CONTAMINATION

Limits as follows: arsenic ($As_2O_3$), 1.4 p.p.m. (solids), 0.14 p.p.m. (liquids); lead, 6 p.p.m. (solids), 1 p.p.m. (liquids); tin, 230 p.p.m. (all foods and drinks); antimony, cadmium, mercury and chromium, nil.

## INDIA

### BEVERAGES, NON-ALCOHOLIC

**Aerated Water.** Potable water and sweetening agents; saccharin, max. 100 p.p.m., $CO_2$ and/or oxygen. Optional: salts of Na, Mg or Ca, citric, phosphoric acid, flav. and permitted colours (declar. of extraneous colouring), emulsif. and stabilizers, tartaric, lactic, ascorbic, malic acids, gums, gelatine, albumen, liquorice and derivs., vitamins, caffeine (max. 200 p.p.m.) quinine salts (max. 100 p.p.m. as quinine sulphate).

**Fruit Juice.** Prepd. by expression, with or without substantial portions of pulp and other cellular matter. Optional: peel oil, fruit essences and flavours, salt, ascorbic acid, permitted colour (declar.); citric acid, (total citric acid, anhydr., max. 3.5%, but lemon juice, min. 4%, lime juice, min. 5%). Preserv. (not if canned or bottled) (declar.): $SO_2$, max. 350 p.p.m.; or benzoic acid, max. 600 p.p.m. Incubation test (canned or bottled juice): no bacterial growth at 37°C for 1 wk. Pb, max. 1 p.p.m.; Cu, max. 7 p.p.m.; Zn, max. 5 p.p.m.

**Fruit Juice, Sweetened.** Fruit juice, min. 85%; sol. solids, min. 10%. Otherwise as for fruit juice.

**Fruit Cordial, Fruit Squash, Fruit Crush.** Fruit juice, min. 25%; total sol. solids, min. 55% wt./wt. (crushes), 40% wt./wt. (squashes), 30% (cordials). Optional: sugar, invert sugar, glucose, peel oil, fruit essences and flavours, salt, citic. acid (as for fruit juice), ascorbic acid, permitted colour (declar.).

*INDIA (cont.)*

Preservs. and incubation test as for fruit juice. Pb, max. 0.5 p.p.m.; Cu, max. 7 p.p.m.; As, max. 0.5 p.p.m.

**Fruit Syrup.** Fruit juice, min. 25%; total sol. solids, min. 65% wt./wt.; otherwise as for fruit cordial.

**Barley Water (Lemon, Orange, Grapefruit).** Fruit juice, min. 25%; total sol. solids, min. 30%; barley starch, min. 0.25%. Optional: as for fruit squash; citric acid, to give total max. 2.5% (anhydr.). Preserv. as for fruit juice.

**Fruit Juice Concentrate.** Total sol. solids, min. 32% wt./wt. Preserv. (declar.): $SO_2$, max. 1500 p.p.m. Pb, max. 2 p.p.m.; Cu, max. 20 p.p.m.

**Synthetic Beverage Syrup.** Optional: citric acid, harmless herbs, drugs, flowers, artif. essences, sugar, dextrose, invert sugar, glucose, permitted colour (declar.), Preserv. as for fruit juice. Labelling: "artificial"; no suggestion of genuine fruit product.

## COCOA, CHOCOLATE, AND CONFECTIONERY

**Cocoa Powder (Drinking).** Moisture, max. 7.0%; cocoa butter, min. 20.0% (on dry basis); on dry, fat-free basis: total ash, max. 14.0%; acid (5N HCl)-insol. ash, max. 0.20%; alkalin. of ash as $K_2O$, max. 5.5%; crude fibre, max. 7.0%; Pb, max. 5 p.p.m.; Cu, max. 70 p.p.m.; As, max. 1.1 p.p.m. (on actual powder). Particle size: min. 99% through I.S. Sieve 30 (aperture 296 microns). Optional: alkalization with hydroxides, carbonates or bicarb. of sod., potass., magn. or ammon., and after-treatment with tartaric, citric or phosphoric acid; flavouring agents; salt. Labelling: name and grade, name of manufacturer, batch or code no., net wt. (may also have Indian Standards Institution Certification Mark).

**Cocoa Powder (Low-fat).** As above, except cocoa butter, min. 10.0% (on dry basis).

**Cocoa Butter.** $N_D^{40}$, 1.453-1.458; sp. gr. 95°/30°C, 0.856-0.864; m.pt., 29°-34°C (melted fat in capillary tube placed overnight in refrig., then heated slowly to observe clear point); sapon. value, 185-200; iodine value, 32-42; acid value, max. 3.0. Must satisfy test for critical temp. of dissolution in glacial acetic acid.

**Covering Chocolate (Unsweetened).** Moisture, max. 3.0%; total fat, min. 50.0% (on dry basis); on dry, fat-free basis: total ash, max. 8.0%; acid-insol. ash, max. 0.20%; crude fibre, max. 7.0%; starch, max. 15.0%. Particle size: min. 99% of fat-free material through I.S. Sieve 5 (aperture 53 microns). Optional: salt, flav. agents, emulsifying agents. preservs., antioxidants. Labelling: name and type (i.e. unsweetened covering choc.), name of manufacturer, batch or code no., net wt. (may also have ISI Certification Mark).

**Covering Chocolate (Sweetened).** As for unsweetened, except total fat (min. 27.0%), sugar (max. 80.0%, on dry, fat-free basis), and other limits on dry, fat-free, sugar-free basis; extra optional: sucrose, dextrose, cocoa butter.

**Covering Chocolate (Milk).** As for sweetened, except sugar (max. 70.0% on dry, fat-free basis), non-fat milk solids (min. 10.0%), and extra optional: milk solids, milk fat.

**Sugar Confectionery.** Optional: permitted flavours, colours and other additives. Coumarin and dihydrocoumarin prohibd. Boiled sweets: $SO_2$, max. 350 p.p.m.

## COFFEE EXTRACT

Preserv.: benzoic acid, max. 450 p.p.m.

## EDIBLE FATS AND OILS

**Edible Oils.** Phys. and chem. constants prescribed for a number of veg. oils.

**Lard.** Substances other than fatty acids and fat, max. 1%. Sapon. value, 192-198. Iodine value, 52-65.

**Margarine.** Veg. oil with or without hydrogenated veg. oil. Sesame oil, min. 5%. Moisture, max. 16%. Total fat, min. 80%.

**Antioxidants.** Optional to edible fats and oils (not butter): ethyl, propyl, octyl, dodecyl gallates, B.H.A., guaiac resin, citric, tartaric, gallic, ascorbic acids, lecithin, tocopherol.

## FISH PRODUCTS

**Smoked Fish.** Optional: permitted colour (declar.). Sorbic acid permitted in wrappers.

## FLOUR PRODUCTS

Sorbic acid, max. 1500 p.p.m.

**Biscuits.** Optional: antioxidants, and other permitted additives.

## FRUIT AND VEGETABLE PRODUCTS

**Canned or Bottled Fruits.** Drained wt. min. 50% of net wt. (berry fruits 40%) (drained 2 mins. on 8 in. sieve of 8 meshes per in.). Head space, max. ⅝ in. Optional: sugar, invert sugar, citric acid; permitted colour to cherries and strawberries only (declar. if synthetic). No bact. growth at 37°C for 1 wk. Net wt. tolerance of 5% for bottled fruit. Sn, max. 250 p.p.m.

**Canned or Bottled Vegetables.** Drained wt., min. 55% of net wt. (tomatoes, 50%), (determined as for canned fruits). Head space, max. ⅝ in. Optional: sugar, salt, oil or fat, spices, sauce, citric acid, sol. calc. salt, permitted colour (declar. if synthetic). No bact. growth at 37° or 55°C for 1 wk. Sn, max. 250 p.p.m.

**Tomato Juice.** Total salt-free sol. solids, min. 5%. Optional: salt (max. 1.5%), sugar, dextrose, permitted colour (declar. if synthetic), citric, malic or ascorbic acids, water to make up loss during heating. Howard mould count, max. 30%. No fermentation on incub. at 37°C for 1 wk. Cu, max. 100 p.p.m. (on dry tom. solids).

**Tomato Purée.** Salt-free sol. solids, min. 9%. Optional: salt, permitted colour (declar. if synthetic), spices, citric and ascorbic acids, benzoic acid (max. 250 p.p.m., declar.). No fermentation on incub. at 37°C for 1 wk. Mould count, max. 60%. Cu, max. 100 p.p.m. (on dry tom. solids). Labelling: declar. of % total sol. solids.

**Tomato Paste.** Salt-free sol. solids, min. 25%. Otherwise as for Tomato Purée.

**Tomato Ketchup.** Total sol. solids, min. 25% wt./wt.; total acidity, min. 1.2% (as acetic). Optional: spices, salt, sugar, vinegar, onion, garlic, permitted colour (declar. if synthetic), acetic acid, benzoic acid (max. 750 p.p.m., declar.). Howard mould count, max. 40%; yeasts and spores, max. 125 per 1/60 cu. mm.; bacteria, max. 100 million per c.c. Cu, max. 50 p.p.m. (on dry matter).

*INDIA (cont.)*

**Tomato Soup.** Total salt-free sol. solids, min. 7%. Optional: spices, sugar, salt, starch, butter, milk solids. Howard mould count, max. 30%. No fermentation on incub. at 37°C for 1 wk.

**Dried Fruit.** $SO_2$, max. 750 p.p.m. (raisins, sultanas), 2000 p.p.m. (apples, apricots, pears, figs, etc.).

**Dehydrated Vegetables.** HCl-insol. ash, max. 0.5%. $SO_2$, max. 2000 p.p.m.

**Jams.** Sol. solids, min. 68%; fruit content, min. 45% (strawberry, raspberry, min. 25%); $SO_2$, max. 40 p.p.m., or benzoic acid, max. 200 p.p.m., (declar.). Optional: pectin derived from fruit; citric, ascorbic acids: sugar, invert sugar, liquid glucose, dextrose; permitted colour (declar. if synthetic). If called "Jam with added Pectin" may have fruit content, min. 27% (strawberry, raspberry, min. 15%), sol. solids, min. 60%, and added pectin.

**Preserves.** Sol. solids, min. 68%; fruit, min. 55%, must retain form. Otherwise as for Jams (but no added pectin).

**Marmalade.** Sol. solids, min. 65%; fruit content, min. 45%. Otherwise as for Jams (but no added pectin). If called "Marmalade with added Pectin" may have fruit content, min. 27%, sol. solids, min. 60%, and added pectin.

**Fruit Jelly.** As for Marmalade.

**Candied, Crystd. or Glacé Fruit and Peel.** Total sugars, incl. glucose, if used, min. 70%; reducing sugars, min. 25% of total sugars; $SO_2$ (declar.), max. 150 p.p.m. Otherwise as for Jams, but sol. calc. salts allowed.

## GELATINE AND GELATINE PRODUCTS

**Edible Gelatine.** Moisture, max. 15%; ash, max. 3.25%; nitrogen, min. 15% (on dry matter); Pb, max. 5 p.p.m.; Cu, max. 30 p.p.m.; As, max. 2 p.p.m.; Zn, max. 100 p.p.m. Preserv.: $SO_2$, max. 350 p.p.m.

**Jelly Crystals.** Optional: permitted colour (declar.).

## INVALID FOODS

Saccharin may be used in any food if labelled in prescribed form that the food contains an admixture of saccharin.

## MEAT PRODUCTS

**Canned Meat.** Pb, max. 5 p.p.m.; Sn, max. 250 p.p.m.

**Ham, Bacon, and Cooked Pickled Meat.** Sod. or potass. nitrite, max. 200 p.p.m. (as $NaNO_2$). **Luncheon or Pork Luncheon Meat.** Optional: permitted colour (declar.).

**Caviar.** Preserv.: benzoic acid, max. 50 p.p.m. (declar.).

## MILK PRODUCTS

**Condensed Milk** (sweetd. or unsweetd.). Milk fat, min. 9%; total milk solids, min. 31%. Labelling: equiv. milk contents, as for U.K.

**Condensed Skim Milk.** Total milk solids, 26.0% (sweetd.), 20.0% (unsweetd.). Labelling: equiv. milk contents, etc., as for U.K.

**Dried Milk.** Milk solids, min. 95%. Fat content, min. 26.0% (full cream), 20.0% (¾-cream), 14.0% (½-cream), 8.0% (¼-cream). Labelling: equiv. milk contents, etc., as for U.K.

**Dried Skim Milk.** Milk solids, min. 95%. Labelling: as for U.K.

## SPICES, CONDIMENTS, AND FLAVOURINGS

**Flavouring Agents.** Optional: permitted colour (declar.). Diethylene glycol monoether and isopropyl alcohol forbidden as solvents.

**Ginger.** Alcohol (90%)-sol. extract, min. 4.5%; ash, max. 7.0%; sol. ash, min. 1.7%; cold-water extract, min. 10%. Lead, max. 10 p.p.m.; $SO_2$, max. 2000 p.p.m.

**Curry Powder.** Condiments and spices, min. 85%; farinaceous matter and salt, max. 15%; moisture max. 10%; lead, max. 2.5 p.p.m. Standard sieving test. No added colour. Spice ingreds. only from: black or white pepper, cinnamon, cloves, coriander, cardamom, chillies, cumin seeds, fenugreek, garlic, ginger, mustard, poppy seeds, turmeric, mace, nutmeg, curry leaves, saffron, aniseed; any others to be declared and included in lieu of part of farinaceous matter or salt.

**Spices** (various). Max. limits for foreign seeds, etc., fibre and ash; min. limits for volatile oil, extract, etc.

**Turmeric.** Total ash, max. 7%; ash insol. in HCl, max. 1.5%; lead, max. 2.5 p.p.m. Boric acid test positive.

**Salt.** Moisture, max. 6%; on dry matter: NaCl, min. 96.0%; water-insol., max. 1.0%; water-sol. other than NaCl, max. 3.0%.

**Saccharin.** Permissible addition to foods if declared (in specified form).

## VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** Acetic acid, min. 3.75% (brewed or synthetic). Brewed vin.: total solids, min. 1.5%; ash, min. 0.18%: arsenic, max. 1.5 p.p.m.; also, in malt vin.: $P_2O_5$, min. 0.05%, N, min. 0.04%. Optional: caramel. Declar. of source material of brewed vin. reqd. Synth. vinegar must be labelled "synthetic", and "prepared from acetic acid".

**Vinegar Pickles.** Fluid, max. one third of total contents, vinegar only. Reasonably free from sediment. Optional: spices, salt, sugars, permitted colour (declar. if synthetic); preserv. (declar.): benzoic acid, max. 250 p.p.m.; $SO_2$, max. 100 p.p.m. Labelling: "mixed pickles" if more than one veg. used.

**Fruit Chutney.** Sol. solids, min. 50%. Fruit content, min. 40%. Optional: any suitable fruit (incl. dried fruit), spices, salt, sugar, vinegar, acetic acid, onion, garlic; preserv. (declar.): benzoic acid, max. 250 p.p.m.; $SO_2$, max. 100 p.p.m. Howard mould count, max. 40%. No fermentation on incub. at 30° and 37°C. Declar. of dried fruit if over 5%.

**Sauces.** Acidity (as acetic), min. 1.2%. Optional: usual flav. (ingreds. sugar, salt, vinegar, acetic, citric, malic acids, permitted colour declar. if synthetic), benzoic acid (max. 750 p.p.m., declar.). Mould count (Howard), max. 40%; yeasts and spores, max. 125 per 1/60 cu. mm.; bacteria, max. 100 million per c.c. No fermentation on incub. at 37°C. Labelling: names of fruit, veg. or dried fruit used to be stated.

## COLOURING MATTERS

See Tables, pp. 800-806. Limit of synth. colours, 1.5 grains/lb.

## EMULSIFYING AND STABILIZING AGENTS

The following are permitted (not in milk or cream): (1) agar, alginic

*INDIA (cont.)*

acid and alginates, carrageen, edible gums, dextrin, sorbitol, pectin, sod. and calc. pectates, sod. citrate phosphates, tartrate, lactate, lecithin, albumen, gelatine, quillaia, modif. starches, hydrolysed protein; (2) mono- or diglycerides of fatty acids, propylene glycol stearate or alginate, methyl cellulose, methyl ethyl cellulose, sod. carboxymethylcellulose, stearyl tartaric esters of mono- and diglycerides of fatty acids, monostearin sod. sulphoacetate, sorbitan esters of fatty acids or mixtures of same, brominated veg. oils. Presence of substances under (2) to be declared by name.

### METALLIC CONTAMINATION

**Concentrated Soft Drinks.** $As_2O_3$, max. 0.66 p.p.m.; Pb, max. 0.5 p.p.m.; Cu, max. 20 p.p.m.; Zn, max. 50 p.p.m.; Sn, max. 250 p.p.m.

### LABELLING

Must include: (a) name, trade name, or description of food; (b) name and address of manufr., importer, vendor or packer; (c) declar. of presence of any permiss. preserv. or synthetic colour; (d) net wt., no., or measure of contents (variation 5% for bottled fruit products); (e) a batch or code no.; (d) and (e) not for biscuits, sweets and confectionery in 4 oz. packages or less. All additions or deficiencies to be declared in prescribed form in English or Hindi; exceptions are sweets, biscuits and other confectionery, processed fruit and veg., aerated water. No use of word " pure " on any food containing preserv.

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## INDONESIA

*As for country of origin*

## JAPAN

### BEVERAGES, NON-ALCOHOLIC

**Fruit juices.** May use word "juice" only if 100% juice content.

**Soft Drinks.** (except carbonated drinks). Preservs.; benzoic acid, max. 600 p.p.m.; ethyl, propyl or butyl *p*-hydroxybenzoate, max. 100 p.p.m.; Word "juice" only if contains 5% fruit juice unless declared amount in list of ingreds. If state drink mainly contains fruit juice or if call "juice drink" must contain 50% juice. If contains no fruit juice no picture of fruit on label, and must declare no fruit juice present.

### BISCUITS

May not indicate biscuits contain any of the following unless present in min. amounts stated: butter, 2.5%; cheese, milk, nuts, eggs, honey, 5%; coffee, 1%, chocolate. 3%; others, 5%.

### CHEESE

Quality standards for cheese and processed cheese (U.K. cheese acceptable), name of country in processed cheese only if 75% from that country, "cheese food" must contain 51% or more cheese.

### CONFECTIONERY

**Chocolate.** Cocoa, min. 35% (or cocoa, min. 21% and milk fat, min. 3% and total cocoa and milk solids, min. 35%); cocoa butter, min. 18%; moisture, max. 3%. Optional: other fats, dairy products, flavourings, sweeteners: sucrose, dextrose, fructose, lactose, sorbitol, etc., other substances on list of food additives, fruit and nuts, etc., max. 40%; filled chocolate, choc. min. 35%; chocolate coated with nuts, etc., choc. min. 30%. Min. quantities of flavouring substances if refer to them in name of product: fruit or nut, 5%; honey, 2%; coffee, 1.5%; others, 5%. Labelling: declare ingredients and additives; net wt. in metric only; importer's name and address. Exemptions where labelling difficult. If chocolate contains no foreign fats and only sucrose, max. 55% as sweetener, and only lecithin, max. 0.5% and vanilla as additives, need not declare ingredients and may use word "pure".

**Milk Chocolate.** Chocolate with milk solids, min. 14% including min. 3% milk fat (min. 3.5% for "pure" milk chocolate).

**Sugar Confectionery.** Sugar, min. 60% and moisture, max. 5% in high boilings (sugar, min. 50% and moisture, max. 4% in fruit drops). Sugar, min. 30% and moisture, max. 6–20% in low boilings. Caramels, moisture, max. 10%, fat, min. 3%, protein, min. 2%. Nougat, moisture, max. 18%. Optional: colours (Tables, pp. 800-806); 30 p.p.m. max. $SO_2$; flavourings, acetic, citric, lactic, tartaric, fumaric, gluconic, succinic acids; glycerol, propylene glycol; 0.5% max. talc; casein and sod. caseinate; calc. and sod. CMC, methyl cellulose, sod. carboxymethyl starch, sod. starch phosphate, max. 2%; glyceryl fatty acid esters; propylene glycol fatty acid esters; sorbitan fatty acid esters; soyabean phospholipids; phosphates; sod. alginate; propylene glycol alginate, max. 1%; pectin, natural gums; other natural substances. Labelling: declare ingredients in descending order by weight, decl. sugars (glucose, fructose, sucrose) separately, declr. additives under group name e.g. artificial colours. Declr. net wt. in g. or kg. Cylindrical containers less than 150 sq. cm. or other packages less than 70 sq. cm. exempt. State name of importer. Put line round the labelling.

**Chewing gum base.** Optional: vinyl acetate resin.

## FATS AND OILS

Antioxidants: propyl gallate, max. 0.01%; butylated hydroxyanisole, butylated hydroxytoluene, max. 0.02%; NDGA, max. 0.01%; guaiac resin, 0.1%.

## FLOUR, FLOUR PRODUCTS

Permitted improvers: benzoyl peroxide, max. 300 p.p.m.; ammon. persulphate, max. 300 p.p.m.; potass. bromate, max. 50 p.p.m. Chlorine dioxide.

**Sponge Cake.** No coal tar colour.

## FROZEN FOODS

**Microbiological standards.** Viable bacterial counts: ready-to-eat, max. 100,000/g; heated before frozen and cooked before eating, max. 100,000/g; others to be cooked before heating, max. 3,000,000/g, *E.coli* neg.; frozen fresh fish and shellfish for eating raw, max. 100,000/g. All classes neg. coliform. (Standards do not apply to meat products).

Frozen foods must be below —15°C and packed in synthetic resins alumin. foil or water-repellant paper.

**Labelling.** In Japanese state following: name of food in min. 8 points type face; instructions for preparation by consumer in letters as large as name of product; whether heated before freezing (not necess. on prods. not heated before eating); list ingreds. and additives; net wt. and number of servings or units; storage temp. —18°C (—15°C if this is not poss.); name and address of manuf., processor or

*JAPAN (contd.)*

importer; date of manuf. or processing (if not known state date of importing).

## FRUIT PRODUCTS

**Jams.** Residual $SO_2$ (or equiv. sulphite), max. 30 p.p.m. Optional preserv.: sorbic acid and K salts, max. 500 p.p.m. No coal tar colours in marmalade.

## FLAVOURINGS AND ESSENCES

Detailed list of permitted flavourings, seasonings. Coumarin prohibited.

## GELATINE

Residual $SO_2$ (or equiv. sulphite) max. 500 p.p.m.

## SAUCES

**Fruit Sauces.** Optional preserv.: *p*-hydroxybenzoic esters, max. 200 p.p.m.

**Ketchup.** Optional preserv.: Sorbic acid or K salt, max. 500 p.p.m.

## ADDITIVES

List refers to artificial substances only. Natural non-toxic substances may be used without restriction (includes pectin, natural gums, natural colours, not the Al lake of carminic acid).

### Emulsifiers and Stabilizers

Casein; propylene glycol alginate, max. 1%; sod. alginate; sod, caseinate; sod. polyacrylate, max. 0.2%; CMC and sod. and calc. salts, methyl cellulose, sod. carboxymethyl starch and sod. starch phosphate, max. 2% when used singly or tog.; glyceryl fatty acid ester; propylene glycol fatty acid ester; sorbitan fatty acid ester; soyabean phospholipids; sucrose esters; calc. stearoyl lactate (bread only); phosphates.

### Antifoaming Agent

Silicone resin, max. 50 p.p.m.

### Artificial Sweeteners

Sorbitol; xylose, trisodium glycyrrhizinate (in soy sauce). Saccharin only in chewing gum, max. 50 p.p.m. Sod. saccharin, max. 50 p.p.m. in ice cream, confectionery, cakes, sweet bread, soft drinks (250 p.p.m. if drink to be diluted more than 5 times), soy sauce, milk drinks, ice; 200 p.p.m. in canned and bottled foods, pickle (pickled radish 500 p.p.m.), jam, pastes for spreading on bread; 250 p.p.m. in powdered soft drinks; 300 p.p.m. in vinegar (if to be diluted more than 3 times 900 p.p.m.), sauce; 400 p.p.m. in fish products.

### Nutrient Supplements

Forty-nine compounds listed.

### Colouring Matter

See Tables, pp. 800-806.

## LABELLING

Weight declarations must be in metric system.

Labels must be in Japanese, declare date of manufacture or importation on certain foods, declare ingreds on canned foods, type size approx. 12 points.

## PACKAGING MATERIALS

No optical brightening agents.

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# KHMER REPUBLIC

*No regulations—country in a state of war*

## MALAYSIA

(Malaya, Sabah, Sarawak.) Each has own regulations which are very similar. In general are like those in the U.K.

### COFFEE AND CHICORY EXTRACT, ESSENCE

Coffee, min. 50%. (Declar. of %).

### ESSENCES (Concentrated)

Isopropyl alcohol permitted if product approved by Chief Chemist, Federation of Malaya.

### INFANT FOODS

No woody fibre, or any mineral substance insol. in acid.

### INVALID FOODS

Statement reqd. of ingreds. on which claim of special suitability based. If for diabetics, % carbohydr. to be stated.

### MILK PRODUCTS

**Condensed Milk** (Unsweetened and sweetened). Milk fat, min. 9%; total milk solids, min. 31%. Labelling: as in U.K.

**Dried Milk.** Milk fat, min. 26%. No foreign substance. Labelling: as in U.K.

### VINEGAR

Wine vin. and spirit vin. only; acetic acid, min. 5 g./100 ml. No addition of colour or acetic acid.

### PRESERVATIVES AND COLOURING MATTERS

Schedules of permitted preservs. and prohibited colours as in U.K. Preservatives, etc., in Food Regulations, 1925-58 except: unfermented grape juice, either $SO_2$, max. 350 p.p.m., or benzoic acid, max. 600 p.p.m.; jams, marmalade and fruit jelly, $SO_2$, max. 40 p.p.m. Also allowed: in butter imported and sold in hermetic. sealed containers, boric acid, max. 0.2%; in dehydrated veg., $SO_2$ max. 300 p.p.m.

### ARTIFICIAL SWEETENERS

Foods containing saccharin or other artificial sweeteners prohibited.

## NEPAL

*As for country of origin*

## PAKISTAN

### BEVERAGES, NON-ALCOHOLIC

**Fruit Juice.** Prepd. by expression, with or without substantial portions of pulp and other cellular matter. Optional: harmless colour; citric acid, with total citric max. 3.5% (lemon juice, min. 4%; lime juice, min. 5%). Preserv.: $SO_2$, max. 350 p.p.m.; benzoic acid, max. 600 p.p.m.; or mixtures of both.

**Fruit Cordial, Fruit Squash.** Fruit juice, min. 25%; total sol. solids, min. 15% ("low sugar"), 30% ("medium sugar") 50% ("high sugar"). Optional: salt, harmless colour, peel oil. Citric acid and preserv. as for fruit juice.

**Fruit Syrup.** Fruit juice below 25% (declar. of %). Otherwise as for fruit cordial.

**Barley Water** (Lemon, Orange, Grapefruit). Fruit juice, min. 30%; total sol. solids, min. 30%; barley starch, min. 0.35%, max. 0.55%. Optional: as for fruit squash; also gum trag.; citric acid to give total max. 2.5%. Preserv. as for fruit juice. No fermentation on incub. at 37°C.

### DIETARY FOODS

**Artif. sweeteners.** Saccharin, Ca., Sod. cyclamates.

*PAKISTAN (cont.)*

## FATS AND OILS

**Antioxidants.** Gallates, N.D.G.A., gum guaiac, thiopropionic acid, 0.01%; B.H.A., dilauryl thiodipropionate, 0.02%; tocopherols, 0.03%; (essential oils, 0.1% of all antioxidants); ascorbic acid.

## FRUIT AND VEGETABLE PRODUCTS

**Canned or Bottled Fruits.** Drained wt., min. 40% of net wt. Head space, max. 10% of inside height of container (if less, product must be labelled "below the standard, slack fill"). No harmful preserv. or harmful artif. colour.

**Canned or Bottled Vegetables.** Drained wt. min. 50% of net wt. Liquid must just cover veg. Otherwise as for canned fruit.

**Tomato juice.** Spec. grav., min. 1.0212; total solids, min. 5%. Optional: salt (max. 1.5%), sugar, harmless colour. Preserv.: sod. benzoate or benzoic acid, max. 250 p.p.m. Howard mould count, max. 50%; yeasts and spores: max. 125 per 1/60 cubic mm.; bacteria, max. 100 million/ml. No fermentation on incub. in 1% malt soln. at 37.5°C.

**Tomato Ketchup.** Spec. grav. (20°C.) min. 1.087; total solids, min. 20%. Optional: spices, salt, sugar, vinegar, onion, garlic, harmless colour, sod. benzoate or benzoic acid (max. 250 p.p.m.). Moulds, yeasts, bacteria, and incubation test, as for tomato juice.

**Dried Fruit.** $SO_2$. max. 750 p.p.m. (raisins, sultanas), 2000 p.p.m. (apples, bananas, dates, figs, pears, apricots, etc.). Moisture, 12—15% (more sugary fruits), 5—10% (less sugary).

**Dried Vegetables.** Moisture, min. 6.0%, max. 9.0%; ash insol. in HCl, max. 0.5%; $SO_2$, max. 350 p.p.m.

**Jams.** Sol. solids, min. 65%; fruit content, min. 45%; $SO_2$, max. 40 p.p.m.; benzoic acid, max. 200 p.p.m. Optional: pectin (when necessary); harmless colour.

**Preserves.** Fruit, min. 45%; total sol. solids, min. 65%. Fruit must retain form. Optional: harmless colour. Preserv. as for jams.

**Marmalade.** Sliced peel or fruit, min. 7%, max. 20%. Optional: citric or tartaric acid; pectin (when necessary); harmless colour and flav. Otherwise as for jams.

**Fruit Jelly.** No min. fruit or solids content.

**Jelly Marmalade.** Sliced peel or fruit, min. 5%, max. 10%.

**Candied Fruit, Candied Peel.** Total sugars, incl. glucose, if used, min. 70% reducing sugars, min. 40% of total sugars. Optional: glucose, salt, harmless colour, $SO_2$ (max. 150 p.p.m.).

## VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** Acetic acid, min. 4 g./100 ml. Optional: caramel or other harmless food colour. Declar. of source material reqd.

**Vinegar Pickles.** Acetic acid, min. 2 g./100 ml. of fluid. Fluid, max. one third of total contents (when drained 5 min. on 15 mesh sieve). Reasonably free from sediment. Optional (besides vinegar and veg.): spices, sugar, harmless colour. Labelling: "mixed pickle" if more than one veg. used.

**Fruit Chutney.** Sol. solids, min. 66%; moisture, max. 35%. Optional: any suitable fruit, spices, salt, sugar, vinegar, onion, garlic, harmless colour; $SO_2$, max. 250 p.p.m. No fermentation on incub. in 1.0% malt soln. at 37.5°C. Moulds, yeasts, bacteria, as for tomato juice.

### COLOURING MATTER

See Tables, pp. 800-806.

## PHILIPPINE IS.

*As for U.S.A.*

## SINGAPORE

### GENERAL

Foods complying with U.K. regulations acceptable.

### COCOA PRODUCTS

**Chocolate, Confectioners' choc., choc. coating.** Cocoa paste, powder or cocoa. Optional: cocoa fat, sugar, spices, milk solids, emulsifiers (see next column), flavour. No foreign fats.

**Milk chocolate.** Milk fat, min. 2% (4.5% in rich, full cream or dairy milk choc.), fat-free milk solids, min. 10.5%. No foreign fats.

### INFANT FOODS

Quantit. statement (in English) is requd. of ingreds. on which claim of suitability for infants is based. Fibre, max. 2%. No mineral subs. insol. in 1/10 N HCl. No added monosod. glutamate, nitrates, nitrites, chemical preservatives.

### INVALID FOODS

Quantit. statement (in English) requd. of ingreds. on which claim of suitability is based. If for diabetes, declar. of per cent carbohydrate.

### MILK PRODUCTS

**Condensed Milk (Sweetened and Unsweetened).** Milk fat, min. 9%; total milk solids, min. 31%. Labelling as for U.K.

**Dried Milk.** Milk fat, min. 26%. Labelling as for U.K.

### MEAT PRODUCTS

**Corned, pickled, salted meat.** Phosphates, max. 0.3%.

**Meat Paste.** Meat, min. 55%.

### ADDITIVES

**Anticaking Agents:** calc., magnes. carb.; calc. hydroxyphosphate; bone phosphate; magnes. stearate; calc., sod. alumin., sod. calc. alumin. and calc. alumin. silicates, total anticaking agents, max. 2%.

**Antioxidants.** As for U.K.

**Colours.** See Tables pp. 800–806.

**Preservatives.** As for U.K., with some exceptions.

**Emulsifiers and stabilizers.** Agar, alginates, carrageenan, sod. and calc. caseinate, cellulose ethers, dioctyl sod. sulphosuccinate, furcelleran, veg. gums, lecithin, mono- and dilgycerides, pectins, polyglycerol and propylene glycol esters of fatty acids, propylene glycol alginate, Tweens and Spans, quillaia (only in soft drinks, max. 200 p.p.m.), modified starches, stearoyl-2-lactylic acid and sod. and calc. salts, stearyl tartrate.

**Nutrient Supplements.** 45 compounds listed.

**General Purpose Food Additives.** 58 subs. listed inc. acids, bases, gases etc.

### ARTIFICIAL SWEETENERS

Saccharin only under licence (decl.).

*SINGAPORE (cont.)*

### METALLIC CONTAMINATION

Maximum levels of As, Pb, and Cu laid down for large number of foods.

### MINERAL HYDROCARBONS

Similar to U.K. regs.

### LABELLING

Regulations for pre-packed foods apply which are generally similar to those of the U.K. Labelling Regulations.

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## SRI LANKA

### BEVERAGES, NON-ALCOHOLIC

**Fruit Juice, Fruit Extract.** Optional: permitted colouring matter; $SO_2$, max. 350 p.p.m., or benzoic acids max. 600 p.p.m. Labelling: word, "fruit juice" or "fruit extract", with name(s) of fruit(s) from which derived.

**Fruit Syrup, Cordial, Squash.** Fruit juice, water, and sugar. Fruit juice, min. 25%; sugar (sucrose), min. 25%. Optional: citric or tartaric acid; glycerine; permitted colour; preserv. as for fruit juice. Labelling: "fruit syrup", etc., with name(s) of fruit(s).

**Flavoured Syrup, Cordial, Squash.** As for fruit syrup, etc., but with no min. for fruit juice or sugar. No artif. flav. Labelling: "flavoured syrup" etc., with name(s) of fruit(s).

**Artificial Syrup, Essence, Cordial, Squash.** Water and wholesome ingreds. Optional: harmless flav. and colouring. Labelling: "syrup", etc., with words "artificial", "imitation", "synthetic", or "prepared from synthetic ingredients".

### COFFEE PRODUCTS

**Coffee and Chicory Mixture (incl. French Coffee).** Coffee and chicory only, min. 51% pure coffee. Labelling: name and declar. of percentage of ingreds., in prescribed form.

**Coffee with Fig Flavour or Seasoning,** or other harmless flavouring substance, incl. *Viennese Coffee,* pure coffee, min. 85%. Labelling: name and declar. of percentage of ingreds., in prescribed form.

**Liquid Coffee Essence, Extract.** Caffeine, min. 0.5% wt./vol. No foreign extractives.

**Liquid Coffee and Chicory Essence, Extract.** Caffeine, min. 0.25%. No extractives except from coffee and chicory.

### EDIBLE FATS AND OILS

Free fatty acids, max. 1% (as oleic): water, max. 0.5%. No rancidity; no mineral oil.

### MILK PRODUCTS

**Condensed Milk.** (Sweetened or unsweetened). Milk fat, min. 9.0%; total milk solids, min. 31.0%. Labelling: statement in prescribed form of equiv. pints milk, and directions for dilution to make a fluid with milk fat, min. 3.6%, and milk solids-not-fat, min. 8.8%.

**Dried Milk.** Milk fat, min. 26% (full-cream), 20% (three-quarters cream), 14% (half-cream), 8% quarter-cream). Labelling in prescribed form showing whether full cream, or the appropriate grade of partly skimmed milk; statement of equiv. pints milk, and directions for dilution to make a milk of appropriate fat content; if fat below 20% (but not below 8%), statement that product should not be used for babies except under medical advice.

**Dried Milk Mixtures.** If containing min. 70% dried milk, latter must comply with above standards. Labelling: "sweetened" if sugar added; "modified" if added substance is a milk constit.; "compounded" in other cases, with statement of substance(s) added.

**Processed Cheese.** Moisture, max. 45%; milk fat, min. 45% of dry matter. Optional: stabilizers. No foreign fat.

### VINEGAR

Acetic acid, min. 4% wt./vol. Labelling: source to be included with word "vinegar". If distilled, this word must also be included. Spirit vinegar must be so named. If vinegar not wholly from alc. and acetous fermentation, must be called "imitation" or "artificial".

### COLOURING MATTERS

Almost identical to U.K. "Colouring Matter in Food Regulations, 1957".

### PRESERVATIVES

As in U.K. "Preservatives in Food Regulations, 1962".

### ANTIOXIDANTS

As the 1958 U.K. Regulations.

### EMULSIFIERS AND STABILIZERS

As the 1962 U.K. Regulations.

## THAILAND

There are regulations on non-alcoholic beverages, canned foods, vinegar, colours (see Tables, pp. 800–806) and MSG. Cyclamates and Dulcin prohib.

## VIETNAM

*As for France*

# CARIBBEAN

## CUBA

### IMPORTS: GENERAL

No import of articles whose consumption is prohibd. or unauthorized in country of origin, or which are of lower quality than generally accepted therein. Imports must conform with any standards of purity of country of origin, if not in conflict with Cuban reg.

### DIETETIC PRODUCTS (for invalids, children, etc.)

Sealed containers only. Labelling: date of packing and of expiry, calorific value per 100 gm., percentages of carbo-hydrate, protein and fat, list of components; no reference to medical indications of therapeutic treatment.

### ENRICHED FOODS

Must be labelled to show clearly nature of enriching material and its proportion. If changing with time, label must show expiry date.

### VINEGARS

Acetic acid, min. 4%, max. 10%. Colouring with caramel only. Spirit vinegar: density (15°C), 1.005-

*CUBA (contd.)*

1.0098; acid, as acetic, 4% to 5.70%; alcohol, 0.33% to 1.0%; dry matter, 0.20% to 0.28%. Malt vinegar: density (15°C), 1.017; acid, as acetic, 6.60%; dry matter, 2.50%; ash, 0.25%.

### COLOURING MATTERS

Ponceau SX, Amaranth, Erythrosine, Sunset Yellow FCF, Tartrazine, Guinea Green B, Lt. Gr. SF Yellowish, Fast Gr. FCF, Indigo Carmine, Bril. Blue FCF. Regs. do not cover natural colours.

### PRESERVATIVES

The use of sodium benzoate is permitted, max. 1000 p.p.m., if clearly declared.

The following only are authorized for the preservation of meat products; salt, sugar, wood smoke, vinegar, potass. nitrate, sod. or potass. nitrite (max. 200 p.p.m.), sod. benzoate (max. 1000 p.p.m.).

### FLAVOURINGS

The use of coumarin in foods and drinks is prohibited.

### LABELLING

Statements requd. include manufacturer's name and place of manufacture, designation of product, and ingredients. All required statements must be in Spanish.

### CONTAINERS

The regs. include numerous clauses specifying types of container or wrapping appropriate and to be used for various named food products. These are all in conformity with present-day practice.

## JAMAICA

Regulations similar to the U.K. Preservatives, etc. Regulations, 1925-58, are in force. Foodstuffs manufd. to comply with these and other U.K. standards should be satisfactory.

## TRINIDAD AND TOBAGO

Regulations (1965) follow Canadian Regulations in certain respects.

**Baking Powder.** Combinations of sodium bicarb. with tartaric acid or salts, or acid phosphates.

**Other Food.** Standards set for dairy products, edible oils and fats, vinegar and dilute acetic acid, canned fruit juices, coffee, carbonated beverages (artificial sweeteners prohibited).

### COLOURING MATTERS

Natural colours, caramel, purified charcoals, carbon blacks, iron oxide, titanium dioxide, and synthetic colours permitted by Canada, U.S.A., U.K., and Australia, or approved by FAO/WHO, unless prohibited.

### FLAVOURS

Solvents limited to ethyl alcohol, glycerol, or propylene glycol. *Iso*propyl alcohol and coumarin prohbd.

### PRESERVATIVES

$SO_2$, benzoic, sorbic and propionic acids, sodium diacetate.

### ANTIOXIDANTS

Alkyl gallates, N.D.G.A., 0.01%; B.H.A., 0.02%.

# E.E.C.

Belgium, France, Germany (West), Italy, Luxembourg, Netherlands, Denmark, Irish Rep. and United Kingdom. Directives on colours, preservatives and antioxidants are in force and have been incorporated into the national legislation of the Member States, with transitional agreements for the new Members. The directives on cocoa and chocolate and certain sugars were passed in 1973 and those on honey and emulsifiers and stabilisers etc. in 1974. The former are the first directives on commodity standards for food to be passed. They have yet to be incorporated into the national legislation of each Member State. Apart from these directives there is almost no *Community* legislation on standards of composition for foods (it is still in draft form) and any foods sent to any of the E.E.C. countries must comply with the national laws of that individual country. After an E.E.C. *directive* has been agreed upon by the Council of the E.E.C. it is incorporated into the national law of each Member State and it is then enforced by that State. E.E.C. *regulations* also exist but at present there are none in force on composition of foods (regulations usually concern tariff, subsidies, intervention, etc.).

The directives on additives are merely an exclusive list of permitted additives. They do not state conditions of use in any food (with minor exceptions for some preservatives). Directives list permitted additives but do not state the manner in which they are to be used.

Proposals on alimentary pastes; animal feeds; beer; bread; butter; casein and caseinates (including methods of chemical and microbiological analysis); ceramic objects (lead and cadmium leaching); coffee and tea; condiment sauces; egg products; dietetic foods and low sodium dietetic foods; flour; flour confectionery and biscuits; fruit, canned; fruit juice; ice cream; labelling; jams and jellies; margarine; materials and objects in contact with food; mayonnaise and other emulsified sauces; meat extracts and soups; meat hygiene; poultry hygiene (amendment); poultry, moisture content (draft regulation); preserved milk (dried and evaporated); mineral water; mustard; olive oil esterification; oils and fats; packing by weight or volume; packing liquids; pesticides; plastics; prescribed quantities for certain commodities; soft drinks; sugar confectionery; vegetables, canned; wine; and yeast are under consideration.

## COLOURS

E 100 Curcumin; E 101 Lactoflavin (Riboflavin); E 102 Tartrazine; E 103 Chrysoine S; E 104 Quinoline Yellow S; E 105 Fast (Acid Yellow; E 110 Sunset Yellow FCF; E 111 Orange GGN; E 120 Carminic acid, Cochineal; E 121 Orchil, Orcein; E 122 Azorubine, Carmoisine; E 123 Amaranth; E 124 Ponceau 4R; E 125 Scarlet GN; E 126 Ponceau 6R; E 127 Erythrosine; E 130 Indanthrene Blue; E 131 Patent Blue V; E 132 Indigotine; E 140 Chlorophylls; E 141 Chlorophyll

*E.E.C.* (*cont.*)

and chlorophyllin copper complexes; E 142 Brilliant Green BS; E 150 Caramel; E 151 Brilliant Black PN; E 152 Black 7984; E 153 Carbo medicinalis vegetalis; E 160 Carotenoids: (*a*) alpha, beta, gamma carotene, (*b*) bixin, norbixin (annatto), (*c*) capsanthein, capsorubin, (*d*) lycopene, (*e*) beta-apo-8′ carotenal (C 30), (*f*) ethyl ester of (*e*); E 161 Xanthophylls: (*a*) flavoxanthin, (*b*) lutin, (*c*) kryptoxanthin, (*d*) rubixanthin, (*e*) violoxanthin, (*f*) rhodoxanthin, (*g*) canthaxanthin; E 162 Beet Red (Betanin); E 163 Anthocyanins: Anthocyanins containing as aglucons especially the following anthocyanides: (*a*) pelargonidin, (*b*) cyanidin, (*c*) peonidin, (*d*) delphinidin, (*e*) petunidin, (*f*) malvidin.

**Colours for surface only.** E 170 Calc. carbonate; E 171 Titanium dioxide; E 172 Iron oxides and hydroxides; E 173 Alumin.; E 174 Silver; E 175 Gold; E 180 Pigment Rubine (Lithol Rubine BK Permanent Red 4B) (for cheese rinds); E 181 Burnt Umber (for cheese rinds).

**Fillers and solvents for colours** Sod. carb. and bicarb; salt; sod. sulphate; glucose, lactose, sucrose: dextrin; starches; ethanol; glycerine; sorbitol; edible fats and oils; beeswax; water; citric, tartaric, lactic acids; gelatine; pectin; ammon. potass. and sod. alginates; ascorbic acid esters of unbranched fatty acids of $C_{14}$, $C_{16}$ and $C_{18}$ (only for E 160 and E 161).

**Colours provisionally permitted for U.K. only until 31.12.77.** Chocolate Brown FB, Chocolate Brown HT, Yellow 2G, Brown FK, Orange RN, Red 2G, Orange G, Brilliant Blue FCF.

PRESERVATIVES

E 200 Sorbic acid; E 201 Sod. sorbate; E 202 Potass. sorbate; E 203 Calc. sorbate; E 210 Benzoic acid; E 211 Sod. benzoate; E 212 Potass. benzoate; E 213 Calc. benzoate; E 214 Ethyl p-hydroxybenzoic acid and sod. salt (E 215); E 216 Propyl p-hydroxy-benzoic acid and sod. salt (E 217); E 220 $SO_2$; E 221 Sod. sulphite; E 222 Sod. bisulphite; E 223 Sod. metabisulphite; E 224 Potass. metabisulphite; E 226 Calc. sulphite; E 236 Formic acid; E 237 Sod. formate; E 238 Calc. formate; E 239 Hexamethylenetetramine (only in Provolone cheese, max. 25 p.p.m. as formaldehyde); Boric acid (optional), only until 31.12. 1977, max. 4000 p.p.m. in caviar.

**Preservatives for surface treatment only.** E 240 Sod. silicate, E 241 Potass. silicate, E 242 Calc. hydroxide (these 3 for egg shells only); E243 Solid paraffin (for cheese rind only); E 230 Diphenyl, E. 231 Orthophenyl phenol, E 232 Sod. orthophenyl phenate (for citrus fruits only, E 230, max. 70 p.p.m., E 231/E 232, max. 12 p.p.m. of whole fruit (declar.); E 233 Thiabendazole, max. 6 p.p.m. for citrus fruit, max. 3 p.p.m. for bananas (declar.).

**Substances with Secondary Preservative Effect.** E 250 Sod. nitrite-E 251 Sod. nitrate, E 252 Potass. nitrate (these 3 only in mixtures with sod. chloride); E 260 Acetic acid; E 261 Potass. acetate; E 262 Sod. diacetate; E 263 Calc. acetate; E 270 Lactic acid; E 280 Propionic acid; E 281 Sod. propionate; E 282 Calc. propionate; E 290 $CO_2$l

## EMULSIFIERS AND STABILISERS

E 322 Lecithins; E 339 Sod. o-phosphates; E 340 Potass. o-phosphates; E 341 Calc. o-phosphates; E 400 Alginic acid; E 401 Sod. alginate; E 402 Potass. alginate; E 403 Ammon. alginate; E 404 Calc. alginate; E 405 Propylene glycol alginate; E 406 Agar; E 407 Carrageenan (carrageen); *E 408 Furcelleran; E 410 Locust bean (carob) gum; E 411 Tamarind seed flour; E 412 Guar gum; E 413 Tragacanth; E 414 Acacia (gum arabic); E 420 Sorbitol; E 421 Mannitol; E 422 Glycerol; E 440 Pectins; E 450 Sod. and potass. polyphosphates (a) diphosphates (b) triphosphates (c) *linear polyphosphates max. 8% cyclic compds.; *E 460 Microcrystalline cellulose; E 461 Methylcellulose; E 462 Ethylcellulose; E 463 Hydroxypropylcellulose; E 464 Hydroxypropylmethylcellulose; E 465 Methylethylcellulose; E 466 Carboxymethylcellulose (sod. CMC); E 470 Sod., potass. and calc. salts of fatty acids (only in "Dutch"-type rusks, max. 1.5% of flour); E 471 Mono- and diglycerides of fatty acids; E 472 Esters (a) acetic acid (b) lactic acid (c) citric acid (d) tartaric acid (e) diacetyltartaric acids of mono- and diglycerides of fatty acids; E 473 Sucrose esters of fatty acids; E 474 Sucroglycerides; *E 475 Polyglycerol esters of fatty acids; E 477 Propylene glycol esters of fatty acids; *E 480 Stearoyl-2-lactylic acid; *E 481 Sod. stearoyl-2-lactylate; *E 482 Calc. stearoyl-2-lactylate; E 483 Stearyl tartrate.

E 473, E 474, E 477, E 480, E 481, E 482 not in bread unless permitted under national law. Substances marked * may be deleted or restricted in 5 years.

The following may be permitted for 5 years in Member States if they want them (after that they may be put on the permanent list): karaya gum; partial polyglycerol esters of polycondensed fatty acids of castor oil; sorbitan monopalmitate, monolaurate, mono-oleate, monostearate and tristearate; polyoxyethylene (20) sorbitan monolaurate, monopalmitate, monostearate, tristearate and mono-oleate; polyoxyethylene (8) stearate; polyoxyethylene (40) stearate; glyceryl esters of fatty acids obtained from soya oil oxydized under heat; ghatti gum; xanthan gum; extract of quillaia; lactylated fatty acid esters of glycerol and propylene glycol; diocyl sod. sulphosuccinate; ammon. phosphatides (emulsifier YN).

## ANTIOXIDANTS

I: E 300 Ascorbic acid; E 301 Sod. ascorbate; E 302 Calc. ascorbate; E 303 Ascorbyl diacetate; E 304 Ascorbyl palmitate; E 306 Natural extracts rich in tocopherols; E 307 Synthetic $\alpha$-tocopherols; E 308 Synthetic $\delta$-tocopherols; E 309 Synthetic $\delta$-tocopherols; E 311 Octyl gallate; E 312 Dodecyl gallate; E 320 Butylated hydroxyanisole; E 321 Butylated hydroxytoluene.

II: E 220 $SO_2$; E 221 Sod. sulphite; E 222 Sod. bisulphite; E 223 Sod. metabisulphite; E 224 Potass. metabisulphite; E 226 Calc. sulphite; E 322 Lecithin.

**Synergists.** Lactic, citric, tartaric, ortho-phosphoric acid and sod., calc. and potass, salts; citric esters of mono- and diglycerides of edible fatty acids.

**Solvents for antioxidants.** Water, edible oils and fats, ethanol, sorbitol, propylene glycol, glycerol.

*E.E.C. (cont.)*

## COCOA AND CHOCOLATE

**Cocoa, Cocoa Powder.** Cocoa butter, min. 20% of dry matter; moisture, max. 9%. Cocoa butter, min. 8% in fat-reduced cocoa powder.

**Sweetened Cocoa.** Mixture of cocoa powder and sucrose, min. 32% cocoa powder. (Also fat-reduced cocoa.) Declar. % cocoa solids.

**Drinking Chocolate.** Mixture of cocoa powder and sucrose, min. 25% cocoa powder. (Also fat-reduced cocoa.) Declar. % cocoa solids.

**Chocolate.** Total dry cocoa solids, min. 35%; dry non-fat cocoa solids, min. 14%; cocoa butter, min. 18%. Declar. % cocoa solids.

**Plain Chocolate.** Total dry cocoa solids, min. 30%; dry non-fat cocoa solids, min. 12%; cocoa butter, min. 18%. Declar. % cocoa solids.

**Vermicelli Chocolate, Chocolate Flakes.** Total dry cocoa solids, min. 32% including 12% cocoa butter.

**Gianduja Nut Chocolate.** Total dry cocoa solids, min. 32% including 8% min. dry non-fat cocoa solids and finely ground hazelnuts min. 20%, max. 40% of finished product; other nuts (whole or broken) max. 60% total nuts.

**Couverture Chocolate.** Cocoa butter, min. 31%; dry non-fat cocoa solids, min. 2·5% (min. 16% if called "dark").

**Milk Chocolate.** Total dry cocoa solids, min. 25% including dry non-fat cocoa solids, min. 2·5%; milk solids, min. 14% including butter fat, min. 3·5%; sucrose, max. 55%; fat, min. 25%. Declar. % cocoa solids.

**Milk Chocolate with High Milk Content.** Total dry cocoa solids, min. 20% including dry non-fat cocoa solids, min. 2·5%; milk solids, min. 20% including butter fat, min. 5%; sucrose, max. 55%; fat, min. 25%. May be called "Milk chocolate" in U.K. but must declr. milk solids %. Declr. % cocoa solids.

**Milk Chocolate Vermicelli/Flakes.** Total dry cocoa solids, min. 20%; fat, min. 12% including butter fat, min. 3%; sucrose, max. 66%.

**Gianduja Nut Milk Chocolate.** Milk chocolate with milk solids, min. 10% and finely ground hazelnuts, min. 15%, max. 40% of finished product; other nuts (whole or broken), max. 60% total nuts.

**Couverture Milk Chocolate.** Milk chocolate with fat, min. 31%.

**White Chocolate.** No colouring matter. Cocoa butter, min. 20%; milk solids, min. 14% including butter fat, min. 3.5%; sucrose, max. 55%.

**Filled Chocolate.** The chocolate portion min. 25% of total wt. of product. State type of chocolate.

**A Chocolate.** Prod. size of a mouthful. Chocolate portion min. 25%; other edible substances except flour, starch and foreign fats (see note on foreign fats at end). State type of chocolate.

**Additives.** Sugar may be replaced by dextrose, fructose, lactose or maltose, max. 5% of total wt. of prod. (no declr.), max. 20% (declr.). Flavourings (foodstuffs, natural flavourings, synthetic or artificial nature identicals) (not chocolate or butter flavours) and ethyl vanillin (declr.). Lecithin (peroxide, max. 10), max. 0.5% phosphatides (1% in cocoa powder, milk chocolate with high milk content, choc. flakes; 5% instant cocoa powder). Edible substances (not flour, starch, foreign fats), min. 5% and max. 40% if in clearly visible pieces, max. 30% if in indiscernible form, max. 40% if both in visible pieces and in indiscernible form. Detailed requirements for declaring edible substances, e.g., fruit, nuts. The types of chocolate may be partly coated with edible substances, max. 10% of total wt. Until 31.12.1977 the following permitted in U.K., Ireland and Denmark: polyglycerol polyricinoleate, sorbitan monostearate, sorbitan tristearate, polyoxyethylene (20), sorbitan monostearate, ammonium salts of phosphatidic acids; other flavourings.

**Foreign Fats.** Not permitted in directive but Member States may permit them optionally. In 1976 the E.E.C. will decide whether to permit them.

**Prescribed Weights.** Chocolate bars weighing 85 g to 500 g must be in the following sizes only: 100, 125, 200, 250, 300, 400, 500 g. Wts. between 75 and 85 g. may be prohibited by some Member States.

**Labelling.** Reserved name must be used. Declr. net wt. (not if less than 50 g. each pack sold singly), min. net wt. on hollow moulded products. Declr. name and address of manufacturer, packer or vendor established in the E.E.C. May have to use multilingual labels for intra-Community trade.

### HONEY

Main types of honey: origin (blossom or honeydew); mode of presentation (comb, chunk, drained, extracted, or pressed). Standards for apparent reducing sugars, moisture, apparent sucrose, water-insoluble solids, ash, acidity, diastase activity and hydroxymethylfurfuryl content laid down. Special exemptions for bakers' or industrial honey.

### SUGARS

Standards for semi-white, white, extra white sugar, sugar soln., invert sugar soln., invert sugar syrup, glucose syrup, dried glucose syrup, dextrose monohydrate, dextrose anhydrous. Applies only to direct trade in sugars as such, not to use of word "sugar" to describe ingred. of composite food.

# EUROPE, WEST

## AUSTRIA

### BEVERAGES, NON-ALCOHOLIC

**Fruit Juice Beverages.** Standards for juices: fruit juice for consumption without addn.; fruit juice conc., max. half vol. of original juice; fruit drink, min. 60% nat. fruit juice; fruit juice with addn. of sugar and water, titratable acidity given for different juices; fruit homogenates, with sugar and water, min. fruit content 40%, high acid fruits, 35%. Limits for all types of product; alcohol, 5 ml/l; volatile acid, as acetic, 0.4 g/l; lactic acid, 0.6 g/l; $SO_2$, 20 mg/l (grape juice, 50 mg/l); citrus peel oil in citrus juices, 0.3 ml/l.

### COCOA AND CHOCOLATE

**Cocoa Mass.** Cocoa butter, 45-55 %. Ash, max. 10%; crude fibre, *AUSTRIA (cont.)*

max. 9% (both on dry, fat-free matter). Optional: alkalization with carbonates or oxides of alkali metals, ammon., magn. and calc., max. 3% (as $K_2CO_3$).

**Cocoa Powder.** Moisture, max. 9%; cocoa butter, min. 20% (on dry cocoa); ash, max. 10%. Alkalized cocoa: ash, max. 16.6 %; alkalinity of ash, max. 120 ml. N alkali per 100 g.; both on dry, fat-free cocoa. Strongly-defatted cocoa: cocoa butter, min. 10%, unless fat content declared

**Chocolate.** Cocoa ingreds., min. 40%; sucrose, max. 60%; creamed nut, coffee, cream, dried milk, max. 5%; lecithin, max. 0.5%.

**Chocolate Powder.** Sugar, max. 60%; cocoa butter, min. 14%.

**Milk Chocolate.** Cocoa ingreds., min. 25%; fat-free dry cocoa, min. 5%; milk fat, min. 3.5%; full-cream dry milk solids, min. 12.5%.

**Cream Chocolate.** Fat-free dry milk solids, min. 7%; milk fat, min. 40% of total cream solids.

## FATS AND OILS

**Edible Fats and Oils.** Antioxidants permitted for long storage purposes only: N.D.G.A., max. 0.01%; propyl, dodecyl or butyl gallate, max. 0.01 % singly, 0.02% combined; B.H.A., max. 0.02%. Synergists permitted, e.g., citric, phosphoric or ascorbic acid.

## FRUIT PRODUCTS

**Jams.** Ratio fruit : sugar should average 1:1. Dry matter, min. 65% (single-fruit), 58% (mixed fruit). Optional: glucose, max. 12% of product (declar. if over 5%); permitted colour; pectin or jelly-juice; preserv. (see under "Preservatives"; but $SO_2$ in any case max. 100 p.p.m.).

**Fruit Jellies.** Sugar, min. 55%, max. 70%. Dry matter, min. 58%. Optional: colour, preserv., as for Jams.

## PRESERVATIVES

Max. amts. of certain preservatives permitted in some classes of foods are calculated by dividing the "point value" of the food by a divisor for the particular preservative. Thus: Max. amt. preserv. in mg./100g. food

$$= \frac{\text{Point value of food}}{\text{Divisor for preservative}}$$

Point values for food classes are: (*a*) unsterilized fish products, cold-prepared, 750; boiled or fried, etc., 550; (*b*) fish pastes and similar, 1,650; (*c*) fish snacks ("gabelbissen"), 3,300; (*d*) margarine, 1,340; (*e*) sliced breads such as "Simonsbrot", 670; (*f*) veg. and mushroom preserves, 1,000; (*g*) raw fruit juice, incl. jelly juice and liquid pectin, 1,000; (*h*) fruit pulps and fruit marc, 1,000; (*i*) jams, preserves and fruit butters, 500; (*k*) dried fruit, 1,000 (only $SO_2$); (1) walnuts and almonds, 160 (only $SO_2$); (*m*) liquid and paste fillings for sugar confectionery, 1,000; (*n*) mustard, spiced sauces and similar, 1,000; (*o*) mayonnaise, veg. salad (also with meat or fish fillings), 1,340; (*p*) liquid egg yolk, 6,700; (*q*) coffee and tea extracts, 1,670; (*r*) essences, flavours and flavouring bases, 1,000; (*s*) gelatin-containing coatings, 1,340. Divisors for preservatives are: formic acid 25%, 1.0; propionic acid, 1.7; formic acid 10%, 4.0; benzoic acid, 6.7; $SO_2$, 8.0; p-chlorbenzoic acid, 8.4; p-oxybenzoic acid, 8.4; ethyl, propyl, butyl esters of p-oxybenzoic acid, 10;

sorbic acid, 10; hexamethylenetetramine, 13 (only in fish products); also the sod., potass. and calc. salts of above acids, in strict equivalence. The following are allowed as synergistic preservs.: phosphoric, acetic, lactic, tartaric and citric acids and their sod., potass. or calc. salts. Mixed preservatives may be used if total does not exceed "points value". Carry-over in compounded food in proportion, except that no preservatives permitted in infant or dietetic foods.

### COLOURING MATTERS

The colours shown in Tables, pp. 800-806, are permitted in foods, as well as the "natural" colours.
Added colours are prohibd. in: meat and meat products, fish and fish products, shellfish (except sea salmon, fish roe and anchovy paste), natural sausage casings (but artif. casings for durable-type sausage may be coloured).

### SOLVENTS

Propylene glycol prohibited.

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## BELGIUM

### BEVERAGES, NON-ALCOHOLIC

**Fruit Juices.** From pressing of fruits with optional clarification. Optional: Sorbic acid, max. 0.1%, $SO_2$, max. 50 p.p.m. or ascorbic acid, max. 0.03% (not in citrus juices).

**Lemonade-type Soft Drinks.** Optional: Nat. and artif. flavours, sugar, acetic, citric, lactic, malic acids and sod., potass. and calc. salts; o-phosphoric acid and sod., potass. and calc. salts, max. 0.0435%, saccharine and sod., potass., calc. salts, max. 75 mg/l, colour, caffeine, max. 0.015% (declar.); quinine, max. 0.01% (declar.); benzoic and/or sorbic acid, max. 0.1%; sucrose esters, sucroglycerides, max. 0.1%.

**Syrups.** From sugar and natural, concd. or reconstituted juice of fruits or plant materials, without much of the fruit flesh, etc. Sugar, min. 55%. Declar. of % sugar used. *Lemon and orange syrups:* solns. of citric acid with lemon or orange essence in sugar syrup. Benzoic and/or sorbic acids, max. 0.025%.

### COCOA, CHOCOLATE AND SUGAR CONFECTIONERY

**Cocoa Mass.** Shell and "dust", max. 5% of fat-free dry matter.

**Cocoa Powder.** Cocoa butter, min. 20%. Moisture, max. 9%. If alkalized, quantity of agent added (as $K_2CO_3$) max. 5% of wt. of dry, defatted material.

**Cocoa Butter.** Must be obtained by pressing only.

**Chocolate.** Dry fat-free cocoa, min. 14%; dry fat-free cocoa *plus* cocoa butter, min. 35%. Optional: lecithin, max. 0.5%. No. addition of coumarin or its derivatives. No starches or foreign fats.

**Milk Chocolate.** 25% dry fat-free cocoa *plus* cocoa butter of which min. 2.5% dry fat-free cocoa. 14% whole milk solids of which min. 3.5% butter-fat. Max. 55% sucrose. Min. 25% fat. Optional: lecithin as for chocolate.

**Couverture.** Cocoa butter, min. 31%; Dry fat-free cocoa, 2.5%.

**Milk couverture.** Milk chocolate with min. fat, 31%.

**Chocolate with additions.** Such names as " . . . . chocolate" or "milk and . . . . chocolate" only

*BELGIUM (cont.)*

applicable to choc. or milk choc. containing almonds, hazelnuts, dried or preserved fruit, etc., in whole units or fragments, so that the nature of these ingreds. can be seen.

N.B. Sucrose in these chocolates can be replaced by other sugars, max. 5% (no declar.) Dextrose added, 5–20% declar. "with dextrose".

**Labelling:** net wt. (incl. immediate wrapping) to be shown (gms. or kgs.) on labels of blocks and bars over 100 gm.

**Sub-standard Chocolate.** Labelling in prescribed form, with description as cocoa-containing fantasy product in letters min. 5 mm high and ½ mm thickness.

**Sugar Confectionery.** Optional: lecithin, max. 0.5%; mono- and diglycerides (and acetic, citric, lactic, tartaric, diacetyltartaric esters), monoglycerides, acetylated monoglycerides, sucrose esters, sucroglycerides, max. 1%; sod. CMC, max. 0.5% (in addition to emulsifiers); agar, alginates (not propylene glycol alginate), pectin, carrageenan, gums (arabic, carob, guar, karaya, tragacanth); colours, see Tables, pp. 800–806; sorbic acid, max. 0.1% in fillings and decorations; acetic, citric, lactic, malic, tartaric acids and salts; flavours (propylene glycol, max. 0.1% from flavours); maltol, ethyl maltol, max. 0.025%; talc, max. 0.005%; release agents: spermaceti, beeswax, calc., magnes. stearate and carb., fats and oils; paraffin, max. 1% for coating marzipan figures and confectionery gums; shellac, max. 0.3% for glazing marzipan figures.

## DIETETIC FOODS

Labelling. Declr. name of product and term "dietetic" "for special diets" or "for babies", "for nursing infants" where appropriate, and metric net wt. or vol. in letters min. 2 mm. high on up to 200 g. or ml., 3 mm. on more than 200 to 2000 g. or ml. and 10 mm. on more than 2000 g. or ml.; dietetic characteristic of food making it different from usual food; according to purpose intended: total calories and calories of certain constits where appropriate per 100 ml. or g. or per serving; fat, protein, carbohydrate and principle non-energy units content; trace elements and other constits conferring dietetic property in g., mg. or i.u.'s; date of manufacture, coded or uncoded (on perishables and prods whose nutritional value liable to change declr. uncoded shelf life or date of manufacture and "eat by" date); storage instructions; name and address of manfr., imptr. or vendor. No ref. to therapeutic or prophylactic props.

## FATS AND OILS

Antioxidants allowed (except in butter or cocoa-butter): propyl, octyl, dodecyl gallates, BHA, BHT, max. 0.01% (0.04% for use in biscuits, cakes, rusks), tocopherols (max. 0.5% in oils) ascorbyl palmitate (max. 0.3%). In manuf. fats and margarine: lecithin, max 0.2%; mono and diglycerides, monoglycerides, sucrose esters, sucroglycerides, max. 1% (no limit when for food industry); sorbic acid, max. 0.1% in fats and oils (not butter or cocoa butter). Dimethylpolysiloxane, max. 3p.p.m. in frying oils.

**Margarine.** Optional: Vit. A, max. 30 i.u./g, vit. D, max. 3 i.u./g in margarine for direct consumption only; and as for fats and oils.

## FISH PRODUCTS

Declar. of additions other than spices, herbs, flavourings, jelly with a gelatine or gelose basis, and smoke constituents. Labelling: kind of fish present.; kind of oil or fat used.

## FLOUR AND FLOUR PRODUCTS

**Flour.** Loss at 100°C., max. 18%; ash, max. 1% of dry matter; gluten, min. 8.5% of dry matter. No artif. bleachers or bleaching treatment.

**Alimentary Pastes.** Declar. of constits. other than wheat, salt, egg. If presence of egg claimed, min. 5% egg yolk reqd. Labelling prescribed. Lecithin only (but mono and diglycerides, max. 1.5% in canned products). Soup noodles may be coloured.

**Starches.** Moisture, max. 15% (potato, 18%).

**Custard Powders, Pudding Powders.** Edible starch powders with one or more of: sugar, salt, cocoa, coffee, nuts, flavourings, colourings, binding agents, harmless essences. Labelling: no declar. of ingreds. if container or package marked "Custard Powder", "Pudding Powder" (or equiv. French or Flemish descriptions), in uniform bold type min. 5 mm. high, prominent against background.

## FRUIT AND VEGETABLE PRODUCTS

**Dried Fruit.** $SO_2$, max. 2000 p.p.m.

**Dried Vegetables.** Dry matter, min. 84%; ash insol. in HCl of strength 10 g./100 ml., max. 0.5% (celery leaves, leeks, 1%; chervil, spinach, parsley, 2%).

**Jams.** Total % dry matter to be min. 3% higher than % total sugars by analysis, calcd. as sucrose; % sugar used to be declar. (tolerance 1%). Optional: small amts. citric, tartaric, lactic acid; ascorbic acid and sod. and calc. salts, 300 p.p.m. max. if no $SO_2$ used; apple or currant juice, max. 20% of fruit used, or pectin to total content of max. 0.7% (as calcium pectate); permitted colour (declar.) "de fantaisie"; $SO_2$, max. 40 p.p.m.; sorbic acid, max. 0.1%. Labelling: net wt. on containers holding min. 45 g., max. 10 kg.; tolerance on 10 containers 2%, on one container 5%. Mixed jams: fruit in largest amt. to be named first.

**Fruit Jellies.** Total % dry matter as for jams; % sugar to be declar. (no tolerance). Optional: as for jams. Labelling: as for jams.

## GELATINE

Max. 25% ash, 200 p.p.m. $SO_2$, 1 p.p.m. arsenic, 5 p.p.m. lead, 50 p.p.m. zinc, 100 p.p.m. iron, 30 p.p.m. copper. Aerobic bacteria, less than 5,000/g.; *E.coli* less than l/g.; *Salmonellae* absent in 20 g.; sulphite-reducing anaerobic spore formers, less than 10/g. Detailed labelling requirements.

## MEAT PRODUCTS

**Prepared and Preserved Meats.** Phosphates, max. 0.8% disod. diphos. or tetrasod. diphos. or hexasod. tetraphos., total phos. 0.8% (0.3% of which supplied by additives), water: protein ratio in meat prod., max. 4:1 (N × 6.25). Optional: spices, herbs, eggs, gelatine, nitrates, max. 0.05% $NaNO_3$ or $KNO_3$, nitrites, max. 0.02% $NaNO_2$, added as pickling salt containing max. 0.6% nitrite; colours (declar.); flavours, condiments; whole or skim milk powder, max. 5%, farinaceous material which has min. 50% starch (starch in finished product, max. 5%, (total starch *plus* milk solids in

*BELGIUM* (*cont.*)

finished product, max. 5%), no use of word "pure" if cereal, etc., added; ascorbic acid, max. 0.1% in fresh and processed meat; lactic, acetic, citric, tartaric acids, max. 0.1%; glutamates, max. 0.5%; inosinic and guanylic acids, max. 0.05%.

## SPICES, CONDIMENTS, AND FLAVOURINGS

**Mustard Flour.** Black or white mustard only. Ash insol. in 10% HCl, max. 1%.

**Mustard or Table Mustard.** Mustard flour with vinegar or a liquid containing acetic acid. Dry matter, min. 20%. In dry matter: NaCl, max. 20%; chlorine-free ash, max. 8%; sand, max. 1%; mustard oil (in salt-free dry matter), max. 20% Optional: wine, salt, sugar, turmeric (other colours require declar. "coloré"), spices and aromatic plants and flavours derived from these, preservatives, benzoic and/or sorbic acids and/or $SO_2$ max. 250 p.p.m. Must not be enclosed in metal containers attackable by the acids present.

**Dijon Mustard.** Standard similar to Table Mustard.

**Solvents.** Ethyl alc.; glycerol; sorbitol; mannitol; mono-, di-, and triacetates. Propylene glycol, 0.1% max. in sugar and flour confectionery, biscuits, spiced bread and drinks only; *iso*propyl alcohol, 0.1% max. in flour confectionery, biscuits and spiced bread only.

## SUGARS AND SUGAR PRODUCTS

**Sugar.** Sucrose, min. 98.5%; sulphated ash, max. 0.2%.

**Invert Sugar.** Water, max. 25%; sucrose, max. 20%; sulphated ash, max. 0.5%; acidity to phenolphthalein, max. 8 ml. N/1 per 100 g.

**Glucose Syrup.** Water, max. 25%; dextrin, max. 45%; reducing sugars, min. 35%; sulphated ash, max. 0.8%; $SO_2$, max. 40 p.p.m.; acidity, max. 4 ml. N/1 per 100 g.

## VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** Acetic acid, min. 3 g./100 ml. Optional (declar.); colouring, spices, salt. *Wine vinegar:* volatile acid, min. 6% (as acetic); chloride free ash, min. 0.1%; ratio volatile acid to total solids, max. 8. $SO_2$, max. 50 mg/l. *Spirit vinegar:* declar. of acetic content in g./100 ml.; tolerance 5%.

**Mayonnaise.** Veg. oil, 80%; egg yolk, min. 7.5%. Optional: vinegar, seasonings, fruit juice, sugar, spices, flavourings, colouring (if synthetic, declar. "artif. coloured"; if natural, declar. "coloured"). Preserv., $SO_2$ from ingreds., sorbic and benzoic acids, max., 0.1%.

**Mayonnaise-type products, lower grade.** Veg. oil, min. 50%; egg yolk, min. 4.5%. Opt.: permitted emulsifiers (see below). Otherwise as for mayonnaise. Label must state "this product is not mayonnaise" followed by trade name, or the word "substitute".

## FOOD ADDITIVES

Permitted list established in 1967 together with foods to which they may be added. List amended frequently.

**Colours.** See Tables, pp. 800-806.

**Antioxidants.** See under "Fats and Oils".

**Preservatives.** Benzoic, sorbic, sulphurous, and propionic acids and their salts, pimaricin, nisin, diethylpyrocarbonate, hexamethylenetetramine.

**Thickeners.** Natural gums, pectic acid and pectates, alginates, cellulose ethers, carrageenins, agar.

**Emulsifiers.** Lecithin; mono- and diglycerides, esterified or not with acetic, lactic, citric, and tartaric acids; monoglycerides; acetoglycerides; sucrose esters, sucroglycerides.

**Sweeteners.** Saccharine and its K, Na or Ca salts (only in beer and lemonade-type drinks).

**Acids and Salts.** Acetic, citric, lactic, malic, tartaric, ortho phosphoric acid and their salts; Na and K di- and tri-phosphates, nitrites, nitrates.

**Flavour enhancers.** Glutamic, inosinic, guanylic acids and Na and K salts, veg. protein hydrolysates, maltol, ethyl maltol.

**Coatings and glazes.** Waxes (coffee only); spermaceti, paraffin; shellac (marzipan figures only).

**Anticaking agents.** In salt: silicic acid, Na and NaCa aluminates, Ca and Mg stearates, silicates, and carbonates, Ca phos., max. 1%, K and Na ferrocyanides, max. 0.001%. In icing sugar: aluminates, tricalc. phos., max. 1%. In dried soups: as for salt but max. 0.5% and no ferrocyanides. In powdered coffee for vending machines: as for dried soups plus alumin. stearate, max. 0.5%. Talc, max. 0.005% in sugar and flour confectionery. Tricalc. phos., max. 0.75% in starch for dusting moulds and slabs for sugar and flour confectionery, max. 0.1% in milk powder for vending machines.

### PACKAGING MATERIALS

Articles and materials intended to come into contact with food must be registered for approval.

## CYPRUS

*Regulations similar to but not identical with U.K.*

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## DENMARK

### BEVERAGES, NON-ALCOHOLIC

**Fruit Juices.** Water in technically necessary amts. (max. 20%) may be used in prepn. of berry juices (not apple). May be prepd. from concd. juice, but declar. of proportion of dry matter therefrom if this proportion exceeds 20%. Alcohol, max. 2% (0.5% in apple juice for direct consumption). Optional: Calc. carb., chloride; citric acid and citrates; preservatives: benzoic acid and salts, max. 200 p.p.m., p-hydroxybenzoic acid esters and sod. salts, max. 200 p.p.m., formic acid and salts, max. 100 p.p.m., sorbic acid and salts, max. 500 p.p.m., $SO_2$, max. 50 p.p.m.; ascorbic acid and salts, max. 200 p.p.m.; colours: Allura Red, max. 30 p.p.m., Ponceau 4R, max. 10 p.p.m. (citrus juice also Carotenoids, Chlorophyll, max. 10 p.p.m. and Tartrazine, max. 150 p.p.m.; strawberry and blended juice also Bril. Blue FCF, and Tartrazine, max. 30 p.p.m.); dimethylpoylsiloxane, max. 10 p.p.m.; mono- and diglycerides; pectin. Apple juice: sol. solids, min. 10% (refract.); may be pressed from apples mixed with max. 5% pears. To rhubarb juice must be added calc. salt sufficient to ensure that in finished juice no water-sol. oxalate, and max. 5 g./litre water-sol. calc. salt (as $CaCl_2$). Labelling: must show degree of dilution for prepn. of a drink.

*DENMARK (cont.)*

**Sweetened Fruit Juices.** As for Fruit Juices, with added sucrose, glucose or saccharin, max. 125 p.p.m. (declar. of this). Sol. solids, max. 60% (refract.).

**Concentrated Fruit Juices.** Fruit juice with part or whole of water content removed by evapn. or freezing. Labelling: must show degree of concn.

## COCOA, CHOCOLATE, AND SUGAR CONFECTIONERY

**Cocoa Nib.** Shell and germ, max. 6% of dry, fat-free cocoa.

**Cocoa Mass.** Shell and germ as for cocoa nib. Optional: pure veg. lecithin; neutralization of free acids by hydroxides, carbonates or bicarbs. of ammon., sod., potass., calc., or magnes., leaving ash max. 14% of fat-free dry matter.

**Cocoa Powder.** Fat content must exceed 20%; if from 10% to 20% (inclus.) must be called "non-fat" or "weak"; if below 10%, designation "very weak". Shell and germ as for cocoa nib. Labelling: net wt. in g. or kg. on retail packs, in type min. 2 mm. high, near to but clearly separate from other matter: if on bottom, an indication of this to be given with the other matter; containers of 5 kg. and over require declar. of percent. cocoa butter.

**Chocolate, Chocolate Coating, etc.** Sugar, max. 65%. Optional: lecithin mono- and diglycerides, ammonium phosphatides (max. 0.7%), polyglycerol esters of castor oil fatty acids (only to choc. with less than 27% total fat, max. 0.7%), sorbitan esters, max. 0.5%, polyoxyethylene (20) sorbitan esters, max. 0.5%; benzoic acid and salts, max. 0.1%; max. 5% of refined, hardened or unhardened veg. fats (except those containing fatty acids below $C_{13}$); max. 5% of full cream or skim milk solids, cream solids, nuts, fruits, honey, biscuit and the like. If more than 5% nuts, etc., must be appropriately designated, *e.g.*, "almond chocolate", "chocolate with almonds", etc. Labelling: as for cocoa powder, but if net wt., can only be given on bottom, this need not be referred to elsewhere.

**Milk Chocolate, Cream Chocolate.** Cream, full milk, and skim milk solids must exceed 5%.

**Covered Goods** (except ice cream). If description "chocolate confectionery" or the like used, must be coated with chocolate to above standard.

**Diabetic Chocolate.** Standard as for chocolate, with sugar replaced by sorbitol, mannitol, saccharin, sucaryl, or other artif. sweetener approved by the Min. of Interior (declar. in Scandinavian type, min. 3 mm. high).

**Sugar Confectionery.** Optional: ammon. chloride, max. 15%; ammon. hydroxide, carbonates; citric, acetic, lactic, malic acids and salts; tartaric acid and salts, max. 0.1% (fruit caramels, max. 0.7%); phosphoric acid and salts, max. 0.1%; preservatives: benzoic acid and salts, max. 0.1%, p-hydroxybenzoates and sod. salts, max. 300 p.p.m., propionic acid and salts, max. 500 p.p.m., sorbic acid and salts, max. 0.15%, $SO_2$, max. 100 p.p.m.; ascorbic acid and salts, max. 200 p.p.m., BHA, BHT, gallates, max. 20 p.p.m., tocopherols, max. 0.1%; magnes. stearate; silicon dioxide, max. 0.2%. Colours: alumin., gold, silver for surface only, Bril. Blue

FCF, Carotenoids, Chlorophyll, Cu Chlorophyll, Allura Red, Sunset Yellow FCF, mx. 300 p.p.m., Erythrosine, Fast Green FCF, Green S, Indigo Carmine, Tartrazine, max. 200 p.p.m., Patent Blue V, max. 150 p..pm., Black PN, Ponceau 4R, max. 100 p.p.m., ammoniated Caramel, max. 2%, Canthaxanthin, max. 0·2%, calc. carb., Veg. Carbon, iron oxides and hydroxides, Caramel, titanium dioxide. Gum arabic, guar, lecithin, mono- and diglycerides and their esters, pectin, modified starches. Agar, alginates, carrageenan, furcelleran, tartaric acid esters of mono- and diglycerides, propylene glycol esters, sorbitan esters, max. 0.5%. Cellulose ethers, max. 1%, microcrystalline cellulose. Polyoxyethylene (20) sorbitan esters, max. 0.1%; propylene glycol alginate, stearoyl lactylates, max. 0.3%; tragacanth, max. 2%; glycerol, sorbitol, mannitol (as emulsifiers), max. 10%. Sweeteners: mannitol, sorbitol, only to throat pastilles, saccharin and salts, max. 400 p.p.m. Dimethylpolysiloxane, max. 10 p.p.m. Chewing gum: additives only with permission.

## EDIBLE FATS AND OILS

Moisture, max. 0.5%. Optional: (not butter): BHA, BHT, gallates, max. 100 p.p.m.; ascorbic acid and salts, max. 200 p.p.m.; ascorbyl palmitate, max. 80 p.p.m.; tocopherols, max. 0.1%; citric, lactic acids and salts; o-phosphoric acid and salts, max. 100 p.p.m.; colours as for margarine; lecithin, mono- and diglycerides and their esters; tartaric acid esters of mono- and diglycerides, propylene glycol esters, max. 0.5%; polyglycerol esters, max. 0.2%; sorbitan esters, max. 1%; calc. disod. EDTA, max. 25 p.p.m.; dimethylpolysiloxane, max. 10 p.p.m.; oxystearin, max. 0.125%. Labelling: indication of animal or plant from which derived (except for certain accepted names of unmixed animal fat materials). Imports to be marked as foreign.

**Margarine.** Optional: citric, lactic, tartaric acids and salts; sod. carb. and hydrox.; o-phosphoric acid and salts, max. 100 p.p.m.; colours: Annatto, max. 200 p.p.m., Carotenoids, max. 100 p.p.m., Curcumin, max. 50 p.p.m., total colours, max. 300 p.p.m. Glyceryl esters of the thermally oxidised soya oil, tartaric acid esters of mono- and diglycerides, propylene glycol esters, max. 0.5%; polyglycerol esters, sorbitan esters, max. 0·2%; lecithin, mono- and diglycerides and their esters; antioxidants from animal fats used. Bakery margarine: as for margarine and polyoxyethylene (20) sorbitan esters, max. 0.5%, propylene glycol alginate, max. 0.3%, propylene glycol esters, max. 2%, sorbitan esters, max. 0.05%, sucrose esters, max. 0.2%.

## FISH PRODUCTS

Labelling: net wt. (incl. oil or tomato; but not soup, coatings, etc.); name of country where prepared; week or month and year of prepn. (in code if Min. of Fisheries notified). Non-sterilized products to be marked (in a Scandinavian language) "to be kept cool".

## FLOUR

**Wheat Flour.** Reqd. additions, per kg.: 5 mg. thiamin, 5 mg. riboflavin, *DENMARK (cont.)*

30 mg. iron (ferrum reductum), 5 gm. calc. carbonate. Optional: ascorbic acid, max. 200 p.p.m. No addition of persulphate (Rothenfüsser test prescribed).

## FRUIT AND VEGETABLE PRODUCTS

**Jams, etc.** Soluble solids by refract., min. 50%. Optional: calc. carb.; calc., potass. chloride; citric, acetic, lactic, malic acids and salts; sod. hydrox.; tartaric acid and salts, max. 0.1% (0.2% to raspberry, 0.5% to citrus); o-phosphoric acid, max. 0.5%; benzoic acid and salts, max. 500 p.p.m., p-hydroxybenzoates and salts, max. 300 p.p.m.; formic acid and salts, max. 100 p.p.m., propionic acid and salts, max. 0.1%, sorbic acid and salts, max. 0.1%, $SO_2$, max. 100 p.p.m.; ascorbic acid and salts, max. 300 p.p.m. Colours: Black PN, Ponceau 4R, max. 100 p.p.m., Carmoisine, Patent Blue V, max. 150 p.p.m., Erythrosine, Fast Green FCF, Green S, Indigo Carmine, Tartrazine, max. 200 p.p.m., Bril. Blue FCF, carotenoids, chlorophyll, Cu chlorophyll, Allura Red, Sunset Yellow FCF (total of all these colours, max. 300 p.p.m.) and Canthaxanthin, max. 0.2%, ammoniated caramel, max. 0.4%, veg. carbon, caramel. Agar, alginates, carrageenan, furcelleran, cellulose ethers, max. 1%; carob gum, tragacanth, max. 2%; guar gum, pectin, modified starches, microcrystalline cellulose, calc. o-phosphates; xanthan gum, max. 0.5%; mannitol, sorbitol, max. 5%; saccharin and salts, max. 400 p.p.m.; dimethylpoylsiloxane, max. 10 p.p.m.; mono- and diglycerides. Labelling: country of manufacture, name and address of manufacturer, exporter or importer; name of product; net wt. (or, in containers of more than 2 kg., gross wt., if stated as such).

**Dried Fruits.** $SO_2$, max. 1000 p.p.m.

**Dried Vegetables.** Optional: $SO_2$, max. 1000 p.p.m. (flakes, potato flakes, granules, max. 200 p.p.m.); ascorbic acid and salts, max. 0.2%; BHA, BHT, only to potato flakes, granules, powder, max. 200 p.p.m.; citric acid and salts; mono- and diglycerides; tetrasod. pyrophos., max. 0.3%; stearoyl lactylates, max. 0.2%.

## MEAT PRODUCTS

Optional: calc. chloride; HCl; acetic acid and salts; nitrates, max. 500 p.p.m. as $KNO_3$ only to salted meat products not heat treated nor hot smoked to temps above 60°C; nitrites, max. 200 p.p.m. only in form of nitrited salt; sorbic acid and salts, max. 0.1% only to goose liver pie and smoked sausages; BHA, BHT, gallates, max. 50 p.p.m. with citric and lactic acids and their salts. Colours: Riboflavins, max. 50 p.p.m.; curcumin, max. 100 p.p.m., Ponceau 4R, max. 100 p.p.m. (250 in smoked sausages); Annatto, Erythrosine, max. 200 p.p.m., Sunset Yellow FCF, Carotenoids (all these colours, total max. 300 p.p.m.) and Veg. Carbon., Caramel (ammon. Caramel, max. 0.4%). Agar, alginates, carrageenan, furcelleran, cellulose ethers, lysine hydrochloride, sod. glycinate, phosphates, tartaric acid esters of mono- and diglycerides, max. 0.5%; carob gum, tragacanth, max. 2%; gum arabic, guar, mono- and diglycerides and their esters, microcrystalline cellulose, pectin, modified starches. Monosod. glutamate, max. 0.3%; sod. inosinate and guanylate, max. 50 p.p.m.; ascorbic acid and salts, max. 500 p.p.m.; isoascorbic acid and salts; glucono-delta-lactone, max. 0.8%; sorbitol, max. 5% only to goose liver pie. Sausage skins: glycerol, lactic acid, sod. sulphate.

### VINEGAR

**Acetic acid, min. 40 g., max. 150 g./litre.** Optional: Caramel (ammon. caramel, max. 0.4%); preservatives only to vinegar with acidity max. 8%: sorbic acid and salts, max. 400 p.p.m., $SO_2$, max. 200 p.p.m.

### ADDITIVES

Detailed list of additives in force from 1 July 1974. Permission to use other substances may be obtained. Must get permission 6 months in advance to use enzymes, flavours, nutrients and bacterial or fungal cultures. Address for permission:

Statens Levnedsmiddelinstitut
Mørkhøj Bygade 19
DK-2860 Søborg
Denmark

### COLOURS

See Tables (pp. 800-806).

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## FINLAND

### ADDITIVES

A list of permissible additives is in force (preservatives, colouring matters, antioxidants, emulsifiers, stabilisers, etc.), which includes all the usually acceptable substances, some with max. limits, and some restricted to particular foods.

### BEVERAGES, NON-ALCOHOLIC

**Fruit Drink.** Fresh, preserved, conc. juice, natural extracts of fruit, spices. Optional: sugar, honey, glucose, fructose, glucose syrup; $CO_2$; *no* alcohol; colours (declr.) (see Tables pp. 800–806); 0.05% max. alkyl gallates; 0.02% max. ascorbic acid and sod. ascorbate; 0.02% max. BHA, BHT; 0.02% max. $SO_2$; 0.005% max. lecithin; 0.002% max. polyoxyethylene (8) monostearate; 0.002% max. polyoxyethylene (20) sorbitan monostearate; 0.04% max. sucrose acetate hexaisobutyrate; 0.15% max. benzoic acid and sod. benzoate; 0.1% max. p-hydroxybenzoic acid esters and sod. salts; 0.1% max. sorbic acid and potass. and sod. salts; antifoam agents (dimethylpolysiloxane, fatty acid esters of monoethylene and diethylene glycol); 0.015% max. caffeine and 0.06% max. phosphoric acid in cola drinks; flavourings, nat. and artificial (declr. artif.); 1% max. citric, lactic, malic acids and calc., potass. and sod. salts; 0.01% max. quinine and salts (declr.); solvents (for flavourings): ethyl acetate, ethanol, glycerol and its acetates, *iso*propyl alcohol, edible oils (no mineral oil), propylene glycol); agar, alginates, CMC, carrageenan, cellulose ethers, gelatine, guar gum, gum arabic, carob gum, pectin, tragacanth; 0.5% max. tartaric acid and salts; vanillin, ethyl vanillin. Labelling: if only juice used and min. 10% juice present may call it fruit juice drink and state name of fruit. Declr. extracts if used.

**Lemonade-type Beverages.** Artific. flavourings as well as or in place of fruit juice. Optional: sugar, honey, glucose, fructose, glucose syrup; $CO_2$; magnes., potass. and sod. carbonates and bicarbs; calc. and sod. chloride; magnes., potass. and sod. sulphates; potass. and sod. tartrates; and additives as for

*FINLAND (cont.)*

"Fruit Drink". Labelling: name of product must include word "Lemonade", may use name of fruit etc. imitated. Declr. artific. flavour, colour, quinine.

## FRUIT AND VEGETABLE PRODUCTS

**Jams.** Min. 30% fruit. (Marmalade, min. 25% citrus fruit.) Jams of named fruit allowed max. 2.5% of other fruit. Jam with 10% or more of other fruit must be labelled with names of both fruits with that of greater quantity placed first on label. Wt. ratios of fruit must be stated. Artif. colour to strawberry, raspberry and cherry jams only (decl.). Optional: alginates, carrageenin and pectin, max. 0.7%; citric, lactic, tartaric acids and sod., potass. and calc. salts, max. 0.5%; Ca chloride, max. 0.05%; benzoic acid and sod. salt, max. 0.15%; p-hydroxybenzoic acid esters and sod. and potass. salts, max. 0.1%; sulphurous acid and calc., sod. and potass. salts, max. 0.08%; sorbic acid and potass. and sod. salts, max. 0.1%.

## MEAT PRODUCTS

Permitted additions as follows: smoke flavour with permission; ascorbic acid and sod. salt, max. 0.2%; erythorbic acid and sod. salt, max. 0.2%; sod. and potass. nitrate, max. 0.05%; sod. nitrite, max. 0.015%; calc., potass. and sod. phosphates, max. 0.15% as $P_2O_5$.

**Canned Meat Products.** Optional: all those additives listed for meat products (phosphates, max. 0.2%) plus agar, alginates, CMC, carrageenin, max. 1.0% (in sauces); citric, lactic, tartaric acids and salts, max. 0.4%; acetic acid; alcohol, max. 2.25%; gelatine; sod. glutamate, max. 0.2%; protein hydrolysates, max. 1.0% (for sauces).

## ANTIOXIDANTS

**Fats and Oils.** Alkyl gallates, max. 0.01%; B.H.A., max. 0.02%; B.H.T., max. 0.02%; tocopherol, max. 0·03%; sod. erythorbate, max. 0.02%; ascorbic acid, max. 0.02%; ascorbyl palmitate, max. 0.02%.

## COLOURING MATTERS

See Tables, pp. 800-806.

# FRANCE

## BEVERAGES, NON-ALCOHOLIC

**Fruit Juice.** Pressed juice with no fermentation. Four grades: (1) *fresh* (no treatment whatever after expression); (2) *pure* (no added subst. at all); (3) *sweetened* (added sugar, max. 50 g./litre of juice—but not to grape juice); (4) *sugared* (added sugar, max. 100 g./litre of juice—declar. of amount). Juice for grades (2), (3), (4), may be filtered, centrifuged, clarified with usual harmless agents (if compn. not modified), and aerated. Mixtures must have dominant juice named first, and all in identical lettering. Alcohol, max. 1%. No addition of water, alcohol, chem. preserv., or acids. Preserv. treatments: pasteurization, refrigeration, metallic ionization, [grades (3) and (4)] impregnation with $CO_2$, or $SO_2$ max. 100 mg./litre. Optional [grades (3) and (4)] : added flav.; salt, max. 1 g./litre (more if declar.). Labelling: net vol. of contents in centilitres (if 1 litre or less); in litres (if over 1 litre).

**Concentrated Fruit Juice.** Degree of concn. to be shown in figures as fraction to which initial vol. reduced.

**Fruit Syrups.** Fruit juice with sugar or sugar syrup, and additions as follows: *citron*, *lemon*, and *orange* syrups: citric or (temporary) tartaric acid and alc. extr. of fruit or fruit essence; *grenadine* syrup: citric or tartaric acid and veg. extr. flavouring; *orgeat* syrup: almond essence; *moka* or *coffee* syrup: coffee extr. If glucose used to replace part of sugar, description "fantaisie" reqd. Optional: ascorbic acid, max. 300 p.p.m., permitted natural and synth. colours (not to blackcurrant, sweet cherry, gooseberry, raspberry) if declar. "coloured" or "fantaisie". If chem. flav. added, even as part of flav., declar. "artificial" reqd.

## COCOA, CHOCOLATE, AND SUGAR CONFECTIONERY

**Cocoa Paste.** Shell and germ, max. 5% on fat-free dry matter. Alkalization with ammonia, alkali carbonate, or ammon. carbonate, max. 4 g. (as $K_2CO_3$) per 100 g. of fat-free dry matter; product must remain slightly acid. Alk. products must be described "solubilisé", must not be described as "pure".

**Cocoa Powder.** Fat, min. 18% of dry matter.

**Cocoa Butter.** May be extracted by solvents: petroleum 60/80, trichlorethylene, cyclohexane, ethyl or isopropyl alcohol; no trace to remain in fat. May be refined, neutralized, decolorized and de-odorized. Acidity, max. 5% (as oleic acid).

**Chocolate.** Cocoa paste, min. 35%; cocoa butter, min. 18%. Solubilized paste to be declar., and no use of word "pure".

**Sweetened Cocoa, Chocolate Powder.** Cocoa powder (as above defined) min. 32%. Declar. if solubilized, and no use of word "pure".

**Cooking Chocolate.** Sugar, min. 57%, max. 65%; cocoa paste, min. 35%, max. 43%; cocoa butter, min. 18%. Tablet sizes, only 125, 250, 500 and 1000 g.

**Eating Chocolate.** ("Choc. à croquer".) Sugar, max. 57%; cocoa paste *plus* cocoa butter, min. 43%; total cocoa butter, min. 26%.

**Fondant Chocolate.** Sugar, max. 52%; cocoa paste *plus* cocoa butter, min. 48%; total cocoa butter, min. 32%.

**Milk Chocolate.** Sugar, max. 50%; cocoa paste *plus* cocoa butter, min. 25%; total fat, min. 26%; milk solids (containing min. 24% fat), min. 16%.

**Chocolate with Ground Nuts, Ground Almonds.** Sugar, max. 50%; cocoa paste *plus* cocoa butter, min. 50%; hazels or almonds, min. 16%; total fat, min. 26%.

**Products "au Chocolat", "au Cacao", or similar.** Only as in above definitions or: cocoa paste or powder, min. 35% ("solid" products), 32% (powders), 6% (liquid or semi-liquid).

**Products "Chocolaté", "Cacaoté", or similar.** Cocoa paste or powder, min. 20%.

**Products "parfum chocolat", "parfum cacao".** In describing products below above standards, these terms only must be mentioned.

**Couverture of goods described as "au chocolat".** Only eating choc., fondant choc., and milk choc. as above. May contain max. 5% of ground hazels, ground almonds, honey, or coffee extract. Declar.

*FRANCE* (*cont.*)

(nature and %) of any other addition.

**Optional Additions to above Cocoa and Chocolate Products.** Natural or artif. flavours (declar. of latter; if vanillin "vanilliné"; artif. coumarin prohibited); other edible subst. than sucrose (declar., with % if intimate incorporation) including sorbitol (max. 5%); glazing with shellac or gum benzoin; veg. lecithin, max. 0.2% actual phospholipids. Sucroglycerides permitted.

**Imitation Chocolate Products.** Declar. of ingreds., in decreasing order of amt.

**Tablets** (other than cooking choc.) 40 g. or less, 100, 125, 200, 250, 500, and 500 g. only. Prescribed labelling, with size of type.

**Sugar Confectionery.** If flav. partly artificial, and name of a natural flav. or flav. fruit appears, declar. "artificial flavour" reqd. Sorbitol, max. 5% permitted. Carrageenates, alginates, pectins and sucroglycerides permitted. No use of word "butter" where product made entirely or in part by use of other fats. Diacetyl an acceptable artif. flav. Artif. coumarin prohibited. Talc for dusting, max. 0.1%. Traces of wax, starch, veg. or pure mineral oil allowed for greasing surface of utensils in manufacture. Drages and pralines: starch, dextrin or other starch products allowed in covering, max. 4%; if more, name such as "dragées-fariné", "demi-fariné" reqd. In gum or albumen products, gelatine, gelose, starch, etc., may be substituted if word "gum" not used but description "fantaisie" included. Liquorice products: parts containing liquorice, min. 4% of liqu. juice. Metallic decorations for confectionery: pure gold, silver, or alumin. only. Nuts may be bleached on surface with min. amts. hypochlorite provided no penetration.

**Liquorice Juice.** Moisture max. 15%, glycyrrhizin, min. 6%. Optional: sugars, gum (but must not then be called "pure"). If sugars, gum, starch, dextrin added, with min. 1.5% glycyrrhizin, name must show nature of added material.

## DIETARY FOODS

Compositional and labelling requirements laid down for low-carbohydrate and vitamin- and amino acid-supplemented foods.

## FATS AND OILS

**Edible Fats.** Optional (to fats solid at 15°C.): glycerol mono- and/or distearate, max. 2%; ascorbic acid, max. 0.03% (no use of word "pure" with these additions), cochineal or veg. colours (except to margarine). Sucroglycerides permitted. Treated fat must contain no alk. salt or toxic subst. (See also under "Antioxidants".)

**Vegetable Oils.** Detailed standards including refining procedures, container sizes, labelling.

## FISH PRODUCTS

**Fish Preserves.** All imports to show country of origin, stamped in relief, or impressed in the middle of cover or bottom, in plain Roman lettering, 4 mm. height, upon a part with no other impression. Officially approved "certificate of control" reqd. Detailed standards for packing of sardines, herring pilchards, marinated herrings, smoked herring fillets in oil, mackerel, tunny, and for packing sauces (tomato, marinated, flavoured, "natural", oil, and combinations of these). Very detailed descriptive labelling reqd. (incl. precise name of fish, description of sauce, etc., capacity and net wt., year or season or code mark of manufacture, etc.).

**Caviare and Substitutes.** Preservs.: hexamethylene tetramine, sod. benzoate; may be used together, each to max. 1000 p.p.m.

## FLOUR AND FLOUR PRODUCTS

**Wheat Flour.** Ash, max. 0.65%, acidity, max. 0.04% (as $H_2SO_4$), both on dry matter; sieve test: min. 95% through 0.2 mm. openings. Moisture, max. 16% at standard price, with price abatement if higher. Optional for prevention of "rope" in exceptional cases: acid. sod. phosphate, max. 0.7%; lactic acid, max. 0.3%; vinegar, max. 3%; acetic acid, max. 0.2%; calc. acetate, max. 0.43%. Improvers prohib.

**Baker's Confectionery, Biscuits.** May be coloured only with listed natural colours or with Tartrazine, Sunset Yellow FCF or Ponceau 4R. Cake decorations may be coloured with listed natural and synthetic colours.

**Biscuits.** Optional: sorbitol, max. 5%; magn. carbonate, max. 0.5%; carrageenates, alginates, pectins, sucroglycerides; mono and diglycerides, max. 1% of flour.

**Alimentary Pastes.** From hard wheat and derived products (negative to Matveef test). Ash, min. 0.55%, max. 0.80% (superior quality), max. 1.30% (normal quality); acidity as sulphuric (prescribed method), max. 0.05% (superior), 0.07% (normal quality); nitrogenous, min. 10.5% (superior), 11.0% (normal); all on dry matter. Moisture, max. 12.5%. No colouring allowed under revised regulations. Optional: ascorbic acid as antioxidant.

**Cake Flours.** Chem. raising agents may be used in admixture with flour.

**Cold-Mix Dessert Powders.** Optional stabilisers: sod. or potass. ortho- or pyrophosphate, max. 0.5%; calc. lactate, max. 0.5%. Sucroglycerides permitted. Labelling: statements of composition and net wt.; clear notice that the milk used with the product must have been previously boiled for at least 5 mins. and then kept free from all contamination; and that the prepared dessert should be consumed as soon as possible.

**Soups.** Veg. or converted veg. materials such as leguminous or cereal flours, starches and pastes, with salt.

## FRUIT AND VEGETABLE PRODUCTS

**Canned Fruits, Canned Vegetables.** Labelling of imports: name and address of manufr. or seller (in latter case, a mark identifying manufr. reqd.), date of manuf., name of article (and list of ingreds. in decreasing order, if not clear from name), name of country of origin (in min. 4 mm. lettering), net wt. of drained contents (or in some

*FRANCE (cont.)*

cases, no. and size of pieces). Date may be in code, provided latter disclosed to Service de Répression des Fraudes. Date mark and country of origin to be embossed or indelibly inscribed on container; country of origin on label also.

**Cooked Beetroot.** Potass. sorbate, max. 500 p.p.m. when sold.

**Crystallized Fruits.** $SO_2$ may be used in preparing the fruits.

**Dried Fruits.** $SO_2$, max. 2000 p.p.m. on dry matter when sold.

**Jams, Jellies, Marmalade.** If styled "confiture," with the words "pur fruits et sucre", fruit and refined sugar only to be used; max. water content of finished product, 40%. Fruit in $SO_2$ may be used if no trace remains in the jam. If pectin or apple juice added, must be described as "fruit et pommes"; if refined sugar used, words "pur sucre" may still be included in designation. Apple and other fruit mixtures must be described as "pomme et fruit". Optional (if not described as "pure fruit" product): citric or tartaric acid, (declar. "acidulé" or "fantaisie"); permitted natural colouring matter (see under "Colouring Matters"; declar. "coloré" or "fantaisie"); glucose (declar. "glucosé" or "fantaisie"); pectin (no declar.); agar, gum or starch (declar. in name of product). If contains colour, acid, art. flavour may not use name of fruit and must call it "artificiel".

## MEAT PRODUCTS

**Canned Meats.** Labelling: as for Canned Fruits. "Semi-Conserves" to bear instruction to store cold, with date by which to be consumed, in lettering min. 4 mm.

**Charcuterie Products.** (except brined products). Optional: phosphates or polyphosphates of sodium or potass., max. 0.3% (as $P_2O_5$) (the purity of these additions is requd. to be: arsenic, max. 10 p.p.m.; fluorine, max. 30 p.p.m.; lead and other metals precipitable by $H_2S$, max. 10 p.p.m.; barium, max. 20 p.p.m.), ascorbic acid and sod. salt, max. 30 p.p.m., lactose, lactic acid cultures, natural colourings, special empyreumatic products.

**Preserved Meats.** Salt used may contain max. 10% nitrates, mag. carb. (max. 2%), Na. monoglutamate (max. 0.2%), Ca. triphosphate (max. 2%). Nitrite, max. 150 p.p.m. in product.

**Meat Pastes.** Amylaceous material, max., without declar., 5%; declar. if over 5%; amount to be stated if over 10%. Part or all of starch may be replaced by alginate, carragheenate or carob gum (0.5% algin. or carragh., or 1% carob, guar. flour equiv. to 5% starch); if over 5% equiv. starch, declar. "alginé," "gélipé", or similar (if starch present, also "amylacé" or "feculé").

**Paté de Foie Gras.** Max. 25% of subst. other than goose or duck liver (not including fat added for compounding or covering).

**Bouillons** (not incl. fish products). Animal or veg. extracts with salt, spices and flavours. Optional: veg. colouring or caramel. In soluble portion of amt. intended for making 1 litre of soup: salt, max. 10 g.; total nitrogen, min. 0.4 g.; min. 30% of total nitrogen as amino nitrogen; max. 12% of total nitrogen as ammon. nitrogen (15% if amino nitrogen over 40%); (if presence of meat extract claimed) min. 1 g. meat extract containing min. 0.05 g. creatinine; (if presence of poultry claimed), min. 1 g. poultry extract, or this partly or wholly replaced by same wt. poultry fat or by 3 times wt. of dehydrated poultry meat. Labelling: list and wts. or percentages (on dry basis) of ingreds. in descending order (but salt last); wt. or vol. reqd. for consumption or to prepare portion(s) of ¼ litre (or a named vol.); net wt. or vol. of product.

**Soup, Concd., Tablets, Powders** (not including fish products). Veg., or converted veg. substances, *e.g.*, leguminous or cereal flours, etc., with salt. Optional: spices, flavours, "bouillon", veg. colouring or caramel. In soluble portion of amt. intended for 1 litre of soup: nitrogenous matter at least that reqd. in "bouillon", *or* a calorific value min. 180 calories, on basis of coeffs. 4 for protein and carbohydr., 9 for fat; (if meat extract claimed), 1 g. meat extract incl. min. 0.05 g. creatinine. Labelling: as for Bouillons.

## MILK PRODUCTS

**Condensed and Dried Milk.** Optional: ascorbic acid, max. 0.03%. If for infants, may cont. lactic, citric acids, starch, glucose, fructose, maltose, lactose, honey.

**Whipped Cream.** Optional: nitrous oxide.

**Processed Cheese.** Optional: lactic, citric, tartaric, malic acids and their sod. salts, sod. ortho-, pyro-, meta-phosphates, sod. and calc. polyphosphates (total max. 3%), salt, sod. bicarb., calc. chloride (min. amts.), natural colouring.

## SPICES, CONDIMENTS, AND FLAVOURINGS

**Flavourings and Essences.** Vehicles: water, ethyl and *iso*propyl alcohols. Antioxidants in essential oils: see under "Antioxidants".

**Mustard Paste.** Total solids content (incl. salt and sugar) according to particular commercial description. Liquids for dilution: grape juice, wines, vinegar, or mixtures of these, with up to 3 parts water. Optional: citric and tartaric acids, edible oil, turmeric, chlorophyll. Additional requirements for special types such as "Dijon", "forte", coloured mustards, flavoured mustards. Preserv.: $SO_2$, max. 500 p.p.m., or equiv. alk. bisulphite. Declar. of nature of liquid used for dilution.

**Salt.** Optional additions: Na aluminosilicate, magnesium carbonate, and/or tricalcium phosphate, total max. 2%; sod. monoglutamate, max. 20% (declar. of name and % of addition); Ultramarine or Indanthrene Blue for blueing; to table or cooking salt, sod. iodide, min. 10 p.p.m., max. 15 p.p.m. (special labelling including date [year and quarter] of manufacture).

**Tenderizing Salt.** Papain, min. 2%, max. 3%. Optional: as for Salt (except iodide), also spices, flavourings, sugar. Containers to be hermet. sealed, and net wt. of contents max. 250 gm.

**Flavour enhancers.**
Guanylic and inosinic acids and Na, Ca salts alone, or as mixture, max. 0·05% sod. glutamate, max. 0.2%; ethyl maltol. Declar. all these.

**Vanilla, etc.** Sweetened vanilla powder: sugar, max. 75%. Vanilla sugar: sugar, max. 90%. Vanillin sugar; vanillin (natural or synthetic) min. 0.7%, or ethylvanillin, min.

*FRANCE (cont.)*

2.0%. Declar. of compn., and of artif. flavour if all or part synthetic.

## SUGAR PRODUCTS

**Vanillin-sugar.** Vanillin, max. 7 p.p.m.; ethylvanillin, max. 2 p.p.m.

**Glucose Syrup.** Water, max. 25%; dextrin max. 45%; ash, max. 1%; acidity, max. 0.2% as $H_2SO_4$.

## VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** Acetic acid, min. 6% (except vinegar from cider, wine or beer). Optional: caramel, cochineal, orchil colouring (declar.)

**Mayonnaise.** Veg. oil, min. 50%; veg. oil *plus* egg yolk, min. $66\frac{2}{3}\%$.

## ANTIOXIDANTS

To fats solely intended for food industries in unit quantities of min. 5 kg. may be added: propyl, octyl and dodecyl gallates, B.H.A. and B.H.T., and mixtures of these, max. 0.01% (declar. of name of substance and amt. added). Glycerol monopalmitate and monostearate, citric and ascorbic acid esters also permitted. To essential oils: as above, max. 0.1%. In lacquers, varnishes or wrappers destined to come into contact with foods: as above, max. 0.125%. Antioxidants must be chem. pure.

Ascorbic acid may be added as antioxidant to: conserves and frozen preparations of fruits, vegetables, meat and fish; edible fats; sauces and condiments; beers, syrups, soft drinks, mineral waters, and other non-alcoholic drinks; frozen eggs; products used in cereal industries; concentrated and powdered milks. Addition only in strictly necessary amts., and in any case max. 0.3 g. per kg. of product ready for sale. Labelling: no designation or wording suggesting therapeutic effect or vitamin enrichment.

## COLOURING MATTERS

See Tables, pp. 800-806. The colours permitted in particular classes of foods are as follows: (1) Butter, cheese, flavoured yoghurts and milks, oils, fats (except margarine), soups, condiments, sauces (except mayonnaise), charcuterie products, salted food products, jams, jellies and marmalades: only natural colours. (2) Pastry confectionery, biscuits, ready mixes for desserts: natural colours and Tartrazine, Acid Yellow, Ponceau 4R. (3) Mustard (other than green mustard): chlorophyll, turmeric only. (4) Green tea: Indigotine, turmeric only. (5) Vinegars: caramel, cochineal, orchil. (6) Dried and salted fish: carotenoids, Tartrazine, Acid Yellow, Ponceau 4R. (7) Sugar: Ultramarine, Indanthrene Blue only. (8) Rennet: caramel, vegetable "carameline" (temporarily) and natural colours. (9) Canned or bottled fruits or veg.; and plums, gooseberries, and naturally green fruits for candying; chlorophyll and Cu complex. (10) Candied fruits, green mustard, fruit pastes, sugar and chocolate confectionery, cake decorations, ices and ice creams, syrups (except blackcurrant, raspberry, redcurrant, sweet cherry), powders or concentrates for non-alcoholic beverages, caviare and substitutes, shrimps, shells of hard-boiled eggs, cheese rind: all listed natural and synthetic colours. (11) Strawberries, raspberries, red plums, and cherries preserved in liquid: all listed synthetic red colours. (12) Sausage skins, bladders and other such casings for charcuterie: as for group (10).

## AFLATOXIN

Max. tolerances in animal feeds: 0.02 p.p.m. in feeds for diary herds, swine and poultry; 0.05 p.p.m. in basic feeds for direct consumption and in feeds for sheep, goats and cattle; 0.7 p.p.m. in basic feeds for manufacture of compounded feeds.

## LABELLING

Declr. name of product as laid down in regulation or usual commercial name informative to consumer, must be different from trade mark or any fanciful name; name and address of manufacturer, packer or vendor (may use symbols instead with permission); country of origin where omission could lead to confusion; metric net wt. or vol.; shelf life: (uncoded sell-by date: day and month if 3 months or less and day, month and year or no. of months after packing if more); storage conditions if effect shelf life (not on fresh fruit and veg); list of ingredients in decr. order (if name of product refers to one ingred. declr. amount of that ingred.) certain exemptions inc. alc. bevs, vinegar, conc. and dried milk, cheese, process. cheese (declr. additives), cocoa and chocolate, assortments of sugar confy. and biscuits (declr. additives); list additives by class name: colour, preservative, antioxidant, emulsifier, stabiliser, anticaking agent, texturiser, savoury substance, flavour, technical adjuvant, followed by EEC no. (or name if no EEC no.). Declr. unit price on certain basic commodities.

## CONTAINERS AND WRAPPERS

Materials in contact with foods must not impart to them any trace of constits. not normally found in the foods, nor yield any normal constit. leading to an excess of the latter over that usually found. Authorized substances as components of lacquers or of plastic wrapping materials: (a) insol. and inert natural or synth. resins and high polymers; (b) solvents of b.p. below 150°C. if entirely removed from finished material; (c) paraffin, castor oil, glycerine, triethylene glycol, propylene glycol, stearates and ricinoleates of ethyl, butyl, amyl and of non-toxic metals; tributyl acetylcitrate, dioctyl, heptylnonyl and diheptyl phthalates; (d) hexamethylene tetramine and non-toxic metallic salts; (e) non-toxic metallic resinates (esp. cobalt and manganese); (f) authorized pigments and colouring matters; (g) talc, mica, titanium dioxide, wood flour, kieselguhr, and other inert substances; (h) refined paraffin and mineral waxes, ozokerite, ceresine (if containing no trace of carcinogens); beeswax; carnauba wax, montau wax (max. 3%); rosin; triacetin, tributyrin, tripropionin; chromium stearyl chloride; (i) diphenylthiourea (max. 0.5%) and certain other stabilizers. Authorized pigments and colourings for wrappers include lists of 75 organic colours for general use in or on plastic and other wrappings, 9 organic colours for use in colouring cellulose film, and 36 metals and mineral pigments (and carbon black). These must not yield any appreciable trace of their constits. to the wrapped food and must not contain any toxic substance. They are subject to limits for Pb, 0.01%, and As, 0.005%, and the following limits for metals extractable with N/10 HCl: Hg, 0.005%; Cd, 0.10%; Zn, 0.20%; Se, 0.01%;

*FRANCE (cont.)*

Ba, 0.01%; and aromatic amines, 0.05%. Carbon black must be free from benz-3,4-pyrene and must not yield more than 0.1% benzene extract. Coloured non-impermeable cellulose film may only be used for foods of the type: dried veg., coffee, chicory, nuts in shell, confectionery; and to cover baskets of fresh fruit and veg. Coloured impermeable film sealed with a nitrocellulose lacquer of min. 30g./sq. metre may be used for foods as above and also: biscuits, fritters, green walnuts, cheese, spiced bread, caramels, dates, potato chips, charcuterie and brined products. When inks imprinted on the back of transparent wraps are covered with a protective coating, only the latter need satisfy requirements for wrappings in contact with foods. Lacquers and plastic materials are reqd. to satisfy certain corrosion and food storage tests. For antioxidants in lacquers, etc., see "Antioxidants" p. 714.

## GERMANY (WESTERN)

### BEVERAGES, NON-ALCOHOLIC

**Fruit Juices.** If for direct consumption, must be prepd. by pressing only; no additions. "Lightly sweetened": undiluted fruit juice plus 5% to 20% refined sugar (not syrup). Before addition of sugar, usual clarifying treatments allowed. Alcohol, max. 0.5%, preserv., see p. 722.

**Citrus Juices and Concentrates.** Opt. (if sp. gr. is max. 1.33): $SO_2$ (or equiv. salts), max. 300 p.p.m. raw juice (declar. "sulphured").

**Citrus Fruit Syrups.** Prepd. from juices obtained by pressing only. Sugar, min. 60%, max. 68%. Optional (citrus syrups): natural peel flavour.

**Tonic Water.** Quinine, min. 25 mg., max. 80 mg., per litre (declar. in prescribed form).

**Synthetic Beverages, Lemonade Powders and Tablets.** Optional: permitted colour (declar.), saccharin.

### COCOA, CHOCOLATE, AND SUGAR CONFECTIONERY

**Cocoa Mass.** Shell, membrane and germ: not more than technically unavoidable quantities; but "fines" (containing max. 10% of shell, etc.) may be added up to max. 2%. Ash, max. 5% (expressed on mass with 55% fat). Sand, max. 0.3% of fat-free matter. Solubilization: max. 2.5% of alkali carbonate, magnes. oxide, $NH_3$ or ammon. salts; ash, max. 7.5% (on mass with 55% fat).

**Cocoa Powder.** Fat, min. 20% (10% if described "strongly defatted"); both based on cocoa with 5% moisture, but actual moisture can be max. 9%. Optional: lecithin, max. 0.3%; vanillin, ethyl vanillin, or spices.

**Cocoa Butter.** Acid value, max. 8.

**Malt Cocoa.** Min. 50% cocoa powder, with malt meal or min. 5% malt extract.

**Chocolate.** Mass *plus* cocoa butter, min. 40%; mass, min. 33%; cocoa butter, min. 21%; sugar, max. 60%: moisture, max. 2.5% (inc. 1% max. added water); fines, max. 2%. Optional: lecithin, max. 0.3%; flav. as for cocoa. Nut chocolate: no residues from oil pressings, or addition of nut oils; max. a third of oil from hazels, walnuts, almonds, may be removed by pressing. Sugar may be partly replaced by nuts, marzipan, nougat, truffle filling, coffee, honey, fruit or fruit preps, natural flavours, vanillin, ethyl vanillin, egg. Nuts or fruit added whole or in pieces may be in excess of 60% max. sugar. No fat other than cocoa butter, no colour, no dextrose. Glazing: gum sandarac, benzoin, beeswax, spermaceti, carnauba wax, sperm oil, shellac, mastic in alcoholic solution. Labelling: declar. of per cent. total cocoa constituents.

**Fondant Chocolate.** Mass *plus* cocoa butter, min. 50%; mass, min. 35%; cocoa butter, min. 26%; sugar, max. 50%. Otherwise as for chocolate.

**Cream Chocolate.** Mass, min. 10%; mass *plus* cocoa butter, min. 25%; sugar, max. 60%; milk fat, min. 5.5%. Otherwise as for chocolate. Addition of skim milk powder prohib.

**Milk Chocolate.** Milk fat, min. 3.2%; fat-free milk solids, min. 9.3%. Otherwise as for cream chocolate.

**Skim Milk Chocolate.** Fat-free milk solids, min. 12.5%. Otherwise as for cream chocolate (except no milk fat).

**Couverture.** Mass, min. 33%; cocoa butter, min. 35%; sugar, max. 50% (of which max. 5% may be replaced by nut, dried fruit, malt extract, maltose or milk powder). Filled blocks: min. 25% couverture.

**Cream Couverture.** Cocoa butter *plus* milk fat, min. 35%; sugar, max. 50%. Otherwise as for cream chocolate.

**Milk Couverture.** Cocoa butter *plus* milk fat, min. 35%; sugar, max. 50%. Otherwise as for milk chocolate.

**Tablet sizes for above Chocolates.** Any wt. below 25 g; 25, 50, 100 g (tolerance ±5 g), 125, 200, 250, 500 g (tolerance 3%). For filled choc. and choc. with fruit, nuts whole or in pieces tolerance 4% if over 100 g and 5% when under 100 g.

**Drinking Chocolate.** Cocoa butter, min. 10% (4% if described "strongly defatted"); sugar, max. 65%. Labelling: net wt. when packed; % of cacao ingred.

**Confectionery.** Optional: $SO_2$, max. 50 p.p.m. (declar.) or 20 p.p.m. (no declar.) permitted colour (declar.). but not in centres of filled chocolates or in products made with milk, butter, honey, egg, malt, caramel, cocoa, chocolate, coffee or liquorice: spermaceti, carnauba wax, beeswax, sperm oil (also for tablets: stearic acid, calc. and magn. stearates, max. 0.5%); for varnishing As-free shellac, gum sandarac, gum benzoin, mastic; talc, 0.3% max. release agent for high and low boilings. For surface colourings gold and silver leaf. "Honey" and "malt" sweets, min. 5% honey or malt extract resp. "Cocoa"-types, min. 5% cocoa constits. "Milk" sweets, from full-cream milk, min. 2.5% milk fat; optional: additional milk fat, skim milk; cream sweets, similar, but min. 4% milk fat (tolerance on milk fat in both cases ½%). "Butter" sweets, cow butter only, min. 4% butter fat. "Liquorice", min. 5% sweet liquorice extract. "Nuts", min. 5%. "Cola", min. 0.15%, max. 0.25% caffeine. Marzipan base: moisture, max. 17%, sugar, max. 35% (of which max. 10% may be invert), almond oil content, min. 28%; bitter almonds (but not de-bittered), max. 12% of almonds used; optional, permitted colour

*GERMANY (WESTERN) (cont.)*

(declar.). Marzipan goods: marz. base plus max. equal wt. sugar; in total sugars, part may be invert, up to 5% may be sorbitol, and up to 3.5% glucose. Persipan base (from apricot kernels, de-bittered if necessary, peach kernels, de-bittered almonds, or "bergmandeln" or mixtures of these): moisture, max. 20% sugar, max. 35% (may include 10% invert); 0.5% max. potato starch; optional, permitted colour (declar.). Persipan goods: base plus max. 1½ times wt. sugar; in total sugars, part may be invert, and max. 5% glucose, max. 5% sorbitol. Macaroon base (almond): marzipan base plus max. equal wt. sugar, with min. 10% egg albumen in finished product. Permissible constits. in chewing gum (declar. "chewing gum base with foreign substances") are listed.

## EGG PREPARATIONS

**Dried Egg.** Labelling: wt. of contents when packed; equiv. no. eggs of 45 g. wt.

**Dried Egg Yolk.** Labelling: wt. of contents when packed; equiv. no. yolks of 16 g. wt.

**Liquid Egg, Liquid Egg Yolk.** Preserv.: benzoic acid, sorbic acid, max. 1.0%.

## ESSENCES AND FLAVOURING BASES

(1) "Natural": prepd. solely from materials with natural content of odorous or flav. substances (incl. natural essential oils, which may be terpeneless); solvents, carriers or emulsifiers must be "foodstuffs" (all substances intended to be eaten, chewed or drunk by man in their original, prepared, or processed condition, unless primarily intended for use in curing, relieving or preventing disease) with no added "foreign" substances. The addition of vanillin to a natural essence does not preclude the description "natural", provided the characteristic odour or flavour of vanillin is not imparted to the essence or base.

(2) "Containing natural flavourings". Substances qualifying under (1), with one or more of the following added: glycerine, glyceryl acetates; calc. carbonate, magn. carbonate; fruit pectins, pectic acid, propylene glycol; carrageen, agar, tragacanth, gum arabic, carob-bean gum, guar flour, calc. and magn. stearate.

(3) All others: the description "artificial" is requd. May contain substances under (2). The following must not be used: agaricin, bitter-sweet stems, cumarin, pennyroyal, quillaia bark, tansy, rue, sassafras, polypody root, birch tar oil, bitter almond oil cont. free or bound hydrocyanic acid, juniper oil, thujone, oil of calamus containing more than 10% asarone. Ethyl alcohol as only solvent for artificial beverage essences, propylene glycol and glyceryl acetates as solvents for other flavours.

(4) Essences containing the following have restricted use only: ethylvanillin, hydroxycitronellal, propenylguarethol, resorcinol dimethylether, ammon. chloride (only in essences for liquorice goods, to give max. 2% in finished product). They may be used only in: synth. hot and cold beverages, carbonated drinks; blancmanges, custards and similar, puddings, jelly sweets, red fruit juice groats, sweet soups and sauces; artif. ice-cream; pastries,

pastry doughs and fillings for such; sugar confectionery, effervescent powders; fillings for chocolate products; chewing gum. Essences containing ethylvanillin, but not the other substances cited, may be used in chocolate. Descriptions and declarations: essences and flav. bases may be described as "natural" if they are produced exclusively from natural aromatic or flav. materials, with solvents, carriers and emulsifying agents consisting only of foodstuffs to which no foreign substances are added (i.e., group (1) above). The description "with natural odorous or flavouring substances" may only be used if the essences, etc., consist exclusively of natural essences and solvents, etc., and the auxiliary materials listed under (2) above. If any other substances are present (with the exception noted above for vanillin), the description "artificial" must be used. Essences, etc., containing the substances listed under (4), and semi-manuf. foods containing them, must be described as "with flavour" (but not in the case of ethylvanillin if its characteristic odour or flavour is not imparted to the essence, etc.). Foods or beverages containing such essences, etc., must carry the declaration "with artificial flavour". Labelling: other special requirements apply to the labelling of essences, bases and flavour intermediates.

## FATS AND OILS

**Margarine.** Fat, min. 80%. Water, max. 18% (unsalted), 16% (salted). Not more than 100 pts. by wt. milk (or equiv. cream) to 100 pts. non-milk fat. Addition reqd. of 10% sesame oil in total fat, of starch, min. 0.2%, max. 0.3%. Optional: colouring with carotene or annatto (declar.); lecithin, mono and diglycerides; sorbic acid, max. 0.12% if moisture min. 15%.

## FISH PRODUCTS

**Colouring Matter.** Permitted colour may be added (declar.) only to sea salmon (salmon substitute), anchovy paste, fish roe products (not smoked); and to canned Norway lobster and canned shrimps.

**Labelling.** Wt. of prepared fish or parts of fish when packed to be stated. Month and year of packing reqd. or shelf-life and storage conditions.

## FLOUR PRODUCTS

**Flour.** No treatment with bleachers, improvers, etc., except sod. diacetate, calc. acetate or propionate, or ascorbic acid.

**Alimentary Pastes.** From flour of max. 70% extraction (except "grey meal" pastes, 80-85% extraction; and wholemeal pastes). Moisture, max. 13%; salt, max. 1%; acidity, max. 8 ml. normal alkali per 100 g. product. Egg pastes: min. 3 eggs (of min. 45 g. av. wt.) or min. 3 yolks (of min. 16 g. av. wt.) per kg. flour (or corresp. amts. preserved or dried egg); no addition of lecithin. Milk pastes: min. 20 g. milk solids per kg. flour. "Lecithin" pastes: min. 4.5 g. lecithin per kg. flour. Gluten pastes: total nitrogen, min. 25% of product. Wrappings: no use of yellow transparent or translucent materials. Labelling: claims for high egg content or home-made quality only if min. 5 eggs per kg. flour.

*GERMANY (WESTERN) (cont.)*

## FLOUR CONFECTIONERY MATERIALS

No added colours except caramel. Cream fillings containing fat may be coloured (except those containing egg, malt, caramel, cocoa and choc. or coffee).

## FRUIT AND VEGETABLE PRODUCTS

**Candied Fruits.** Optional: permitted colour (declar.) (not orange, lemon peel, nuts, almonds); $SO_2$, max. 100 p.p.m. (declar. "sulphured").

**Canned Fruit.** Optional in strawberries, cherries, raspberries, plums: permitted colour (declar.).

**Dried Fruit.** Optional: $SO_2$ (declar. "sulphured") max. 2000 p.p.m. apricots, pears, peaches; max. 1000 p.p.m. raisins, sultanas; 1500 p.p.m. max. pineapples, apples, quinces.

**Fruit Pulp** (for jams, jellies, sugar confectionery). Optional: $SO_2$ (or equiv. salts), max. 50 p.p.m. (declar. "sulphured") in finished product; permitted colour for cherry, raspberry, strawberry; sorbic acid, max. 0.2% for confectionery and beverage industry.

**Preserves, One-fruit Jams.** Water, max. 35%; fruit content, min. 45 parts/55 parts sugar, residual $SO_2$, max. 50 p.p.m. (declar.), 20 p.p.m. (no declar.). Optional: glucose, max. 5% (12% if declar.); tartaric, citric or lactic acid, max. 0.5%; pectin, max. 0.3% (as calcium pectate); permitted colour (declar.) to products from red berry fruits or cherries. In sieved pulp jams pieces of fruit need not be visible and dried apricots may be used (declr.).

**Mixed Jams.** Water, max. 42%; fruit content, min. 25 parts/55 parts sugar. Optional: glucose, max. 12% (no declar.); acids as for preserves; pectin, max. 0.5% (as calcium pectate); permitted colour (declar.). Residues of $SO_2$ as for preserves. Apple mixtures: apple, max. half of fruit content.

**Citrus Jam.** Fruit content, min. 30 parts/70 parts sugar. Otherwise as for preserves. No peel of oranges treated with diphenyl, *o*-phenyl-phenol, waxing agents, etc., may be used.

**Fruit Jellies.** One fruit only (except apple jelly, in which max. 10% juice of other fruit is permitted, if declar.). Water, max. 42%; sugar, min. 50%, max. 70%. Optional: acids as for preserves; pectin as for mixed jams; glucose (apple jelly only), max. 12%; permitted colour (declar.) to jellies from red berry fruits or cherries. Residues of $SO_2$ as for jams.

**Fruit Pectin (Liquid)** (for manuf. of jams, jellies, sugar confectionery). Optional: $SO_2$ (or equiv. salts), max. 800 p.p.m. (declar. "sulphured").

**Horseradish (Comminuted).** Optional: $SO_2$, max. 1000 p.p.m. (declar. "sulphured"), sorbic, benzoic acids, max. 2,000 p.p.m., p-hydroxybenzoates, max. 1,500 p.p.m.

**Dried Vegetables.** Optional: $SO_2$ (declar. "sulphured"), max. 500 p.p.m. celery, asparagus, onion, cauliflower, turnips, parsnips; 100 p.p.m. max. potatoes.

## GELATINE PRODUCTS

**Gelatine, Air-dried.** Optional: $SO_2$, max. 400 p.p.m. (declar. "sulphured").

**Jelly Tablets and Powders.** Optional: permitted colour (declar.), if not prepd. with cocoa, chocolate, egg or caramel.

## MEAT PRODUCTS

**Chemical Additives.** The following are permitted for the purposes shown: fresh smoke from natural plant sources (3,4-benzpyrene, max. 1 p.p.b. in smoked food); saltpetre for curing (but not for all fresh comminuted meat prods), sod. nitrate, max. 0.05%, potass. nitrate, max. 0.06% of meat and fat used; ascorbyl diacetate, ascorbyl palmitate, sod. and potass. citrates, ascorbic acid and sod. and calc. salts, nat. extracts rich in tocopherol, synthetic $\alpha$-, $\gamma$-and $\delta$-tocopherol, lactic, citric, tartaric acids as antioxidants for animal fats; sod., potass. and calc. salts of acetic, lactic, tartaric and citric acids for jellied meat and the treatment of gut; sod. salts of the same acids *or* sod. and potass. salts of diphosphoric acid (declr.) as chopping aids for finely comminuted, heated, sliceable meat prods, max. 0.3% of meat and fat used ($p$H of the salts in 0.5% soln., max. 7.3); sod. and potass. citrates as anticoagulants for blood, max. 16 g./1; glycerine, as softener in gelatine coverings; glyoxal or aqu. concd. condensates from sawdust carbonisation in air, CMC or purified cellulose, alumin. ammon. sulphate (max. 0.013% alumin. in casing), or alumin. sulphate (max. 2% alumin. in casing) and glycerine for hardening artificial casings from split skins, max. 0.2% free glyoxal or max. 0.2% free formaldehyde, CMC, max. 0.5% or cellulose, max. 4%, glycerine, max. 20%. Tragacanth and gum arabic as solid supports for liquid spice extracts, max. 1.5% combined. Talc for surface of salami casings. No addn. of non-meat protein including hydrolysed vegetable protein.

## MILK PRODUCTS

**Dried Milk.** Moisture, max. 4% (spray), 6% (roller). Fat, min. 25% (of dry matter).

**Dried Skim Milk.** Moisture, max. 6%.

**Egg Substitutes** (Milk protein basis). Optional: calc. hydroxide (to give max. $p$H 12 in product diluted × 10 with distilled water).

**Processed Cheese.** Optional: lactates, citrates, max. 4% (declar.), phosphates, max. 3% as emulsifiers; annatto.

## TABLE SALT

Optional: colloidal silicic acid and its calc. salts, max. 1.0%.

## VINEGAR PRODUCTS

**Vinegar.** Acetic acid, min. 5, max. 15.5%. Made by acetic fermentation or by diln. of acetic acid with water or mixture of two. Dil. acetic acid, min. 15.5% acetic acid (if more than 25% may not be sold retail). Declr. warning if more than 11% acetic acid, declr. if acetic acid used and % acetic acid in both types. Optional: caramel; $SO_2$ only in fermentation vinegar, max. 50 p.p.m. (declar.).

**Mayonnaise.** Total fat, min. 80%; egg yolk, min. 7.5% of fat content. Veg. oil, egg yolk, salt, sugars, spices, vinegar, edible acids, egg white. No thickeners.

**Salad Mayonnaise.** Total fat, min. 50%; egg yolk, min. 7.5% of fat content. Veg. oil, egg yolk, egg white, milk protein, veg. protein, salt, sugars, spices, vinegar, edible acids, thickeners: wheat flour, starches, gelatine, pectin, alginates, carrageenan, agar, gums (arabic, carob, guar, trag.).

*GERMANY (WESTERN) (cont.)*

**Sweet Sauces.** Optional: permitted colour (declar.) for products not prepared with cocoa, coffee, chocolate, eggs or caramel.

**Pickled Onions.** Optional: $SO_2$ (or equiv. salts), max. 300 p.p.m. (declar. "sulphured").

**Mixed Pickles.** Gherkin, cauliflower, onion, min. 75% of total veg. Min. 20% gherkins of 3—7 cm. length. Other veg.: only beans, carrots, asparagus, corncob, paprika; each, max. 10% of total veg. Optional: $SO_2$, max. 20 p.p.m. (declar. "sulphured", no. declar. if less than 20 p.p.m.).

## COLOURING MATTERS

See Tables, pp. 800-806. All coal-tar colours and most nat. colours must be declared on labels ("mit Farbstoffe").

## PRESERVATIVES

Permitted anti-microbial preservatives, with their official descriptive names and numbers, are: sorbic acid and its sod., potass. and calc. salts (Sorbic. acid—1); benzoic acid and its sod., calc. and potass. salts (Benzoic acid—2); *p*-hydroxybenzoic acid ethyl and propyl esters and their sod. salts (PHB-ester — 3). Diluents etc. are permitted as follows, in max. amts. shown: sod. sulphate (15%) or glycerin (35%); also sod. or potass. carbonate (2%), or sod. or potass. ortho- or pyrophosphate (2%), or (if no sod. sulphate present) calc. chloride (2%). Foods to which preservs. may be added, and the max. amts. permitted for a single preserv., are scheduled as follows:

### SCHEDULE OF FOODS WITH MAXIMUM AMOUNTS OF PRESERVATIVES (WESTERN GERMANY)

| *Food* | *Maximum amount of preservative, per cent.** *Preservative No.:* 1 | 2 | 3 |
|---|---|---|---|
| 1. Fried and boiled fish marinades and cold marinades of fish and mussels and their accompanying liquor and sauces ... ... | 0.2 | 0.25 | 0.1 |
| 2. Fish pastes with less than 10% salt ... | 0.2 | 0.4 | 0.12 |
| 3. Salt herring products, salt fish in oil ... ... | 0.2 | 0.25 | 0.12 |
| 4. Sea salmon products in oil ... ... ... ... ... | 0.2 | 0.4 | 0.12 |
| 5. Fish products from roe except smoked roe ... ... ... ... ... ... ... ... ... | 0.2 | 0.4 | 0.08 |
| 6. Anchovies, including liquor and sauces ... | 0.25 | 0.4 | 0.2 |

*GERMANY (WESTERN) (cont.)*

| | | | |
|---|---|---|---|
| 7. Crab preparations, unsterilized, except powder for crab soup | 0.25 | 0.4 | 0.15 |
| 8. Shrimp and crab products, unsterilized | 0.25 | 0.4 | 0.2 |
| 9. Liquid egg, liquid egg-yolk | 1.0 | 1.0 | — |
| 10. Mayonnaise | 0.25 | 0.25 | 0.12 |
| 11. Meat salad, aspic, vegetable salad | 0.15 | 0.15 | 0.06 |
| 12. Edible gelatine—containing coverings for meat products | 0.2 | 0.2 | 0.12 |
| 13. Margarine with more than 15% water | 0.12 | — | — |
| 14. Fruit pulps, fruit pressings and fruits for further processing in the confectionery and beverage industries | 0.2 | — | — |
| 15. Fruit juices, natural, also concd. up to sp. gr. 1.33, but not "thick juices" | 0.2 | 0.1 | — |
| 16. Mixtures and bases for fruit juice drinks, lemonades and similar effervescents, synthetic hot and cold drinks | 0.1 | 0.1 | — |
| 17. Stewed fruit, including rhubarb and pumpkin in containers not hermetically sealed | 0.12 | 0.15 | — |
| 18. Pickles of all kinds (gherkins, vegetables in vinegar and lactic-fermented gherkins), except sauerkraut | 0.15 | 0.2 | — |
| 19. Onions and grated horseradish | 0.2 | 0.25 | 0.15 |
| 20. Grated citrus peel | 0.12 | 0.15 | — |
| 21. Spiced- and salad-sauces | 0.25 | 0.25 | 0.15 |
| 22. Marzipan, and marzipan-like products from other oilseeds than almonds; macaroons and macaroon substitute pastes; water- or fat-containing pastes with additions of milk, fruit and other materials, for baker's confectionery | 0.15 | 0.15 | 0.15 |
| 23. Rennet preparations | 1.2 | 1.2 | 1.0 |
| 24. Bakers release agents | 0.15 | 0.15 | 0.1 |
| 25. Aqueous flavourings with alcohol content less than 12% | 0.1 | 0.15 | 0.15 |
| 26. Mustard paste | 0.1 | 0.15 | 0.15 |
| 27. Jams, preserves, fruit jellies and similar products, but only for surface treatment of the filled products | 0.1† | 0.1† | — |
| 28. Preserved olives | 0.05 | — | — |
| 29. Pectin solutions for treatment of dried fruit incl. grapes. | 1.0 | — | — |
| 30. Dried plums containing more than 20% water | 0.05 | — | — |
| 31. Bakery and biscuit cream, but only for surface treatment | 0.1† | 0.1† | 0.1† |
| 32. Sliced, wrapped bread | 0.2 | — | — |
| 33. Hip pulp for further processing and not when mixed with fruit products | — | 0.1 | — |

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[*] The maxima are given in terms of the free acids. † Amounts in g/dm³.

*GERMANY (Western) (cont.)*

Mixtures of those preservs. indicated for a particular food may be added, the permitted max. for each being diminished proportionately. The appropriate preservs. may be added to foods used in the preparation of scheduled foods. The scheduled foods themselves may be used in the preparation of other foods. Declar. (in association with name of contents of package) of the presence of preserv. and its official description is reqd. for scheduled foods and foods containing them (but not for foods containing max. 0.2% of a liquid egg product, or 2% of any other scheduled food). (Declar. may be limited to portions of scheduled food discernible as separate ingreds. in the whole.)

If one preserv. only is used, its max. is as shown; if more than one, max. for each is diminished proportionately.

The following are excluded from the definition of preservatives and are permissible additions to a food (so far as compatible with any specific standard applying to the food): freshly-evolved smoke from wood, etc.; steam; carbon dioxide; brandy; vitamins, provitamins, arom. and flav. substances (either natural, or identical in compn. with them); waterglass or slaked lime for pickling eggs; substances mentioned under Additives (General).

## ADDITIVES (GENERAL)

The following substances are permissible for addition generally to foods (except when a standard for a particular food would exclude such addition). No declar. of their presence is requd. with foods containing these additions: Lecithin. Combinations of vitamins *C* and *E* with acetic acid and with straight chain $C_{14}$, $C_{16}$, and $C_{18}$ fatty acids. Sodium, potassium and calcium salts of acetic, lactic, tartaric and citric acids. Sodium, potassium, calcium and magnesium salts of carbonic acid; sodium, potassium and calcium salts of ortho- and pyro-phosphoric acids; potassium and calcium salts of hydrochloric acid; neutral sodium and calcium salts of sulphuric acid. Glycerin. Leaf gold and silver. Fruit pectin, pectic and alginic acids and their sodium and calcium salts; carrageenan, agar, tragacanth, gum arabic; carob gum, guar gum; mono- and diglycerides.

## ANTIOXIDANTS

May be used in the following foods and in foods containing these foods only (declar.): (1) soups, broths, gravy sauces, spiced sauces (2) dried or deep frozen pre-fried potato prods (3) cereal-based snack foods (4) marzipan and similar prods, nougat, groundnut and puffed groundnut prods, BHA, octyl and dodecyl gallates, max. 100 p.p.m., singly or tog. (in (1) and (4) calc. on fat content, in (2) and (3) calc. on prod.); (5) chewing gum, BHA, BHT, octyl and dodecyl gallates, max. 1,000 p.p.m., singly or tog., calc. on gum base (6) essences: essential oils, BHA, octyl and dodecyl gallates, max. 1,000 p.p.m. singly or tog.; other essences, BHA, max. 200 p.p.m., octyl and dodecyl gallates, max. 100 p.p.m., singly or tog.

## LABELLING

All prepacked food must be labelled: usual commercial name of prod.; name and address of manufacturer; net contents in letters min. 3 mm. on 50 to 200 g. or ml., 4 mm. on 200 to 1,000 g. or ml., 6 mm. on over 1,000 g. or ml.; on meat and meat prods, fish and fish prods declr. wt. meat/fish filled and if final wt. different declr. this too, declr. bone; on milk prods declr. % fat and non-fat milk solids on condensed milk and % fat on sterilized cream, milk powders, cream powder; on canned fruit and veg. declr. drained wt.; on soups declr. vol. of ready-to-eat soup in litres or l. fractions, and platefuls or cupfuls of soup; declr. % cocoa in chocolate and choc. powder. No declr. wt. on cocoa, choc., sugar confy. or biscuits less than 50g. Declr. uncoded date of manufacture or shelf life on meat, fish, milk prods, frozen foods (detailed regulations regarding this). If state shelf life must state storage conditions. Declr. unit price. The unit price (*i.e.*, price per kg. or litre) may be omitted on certain sizes of product or container—detailed list for certain products given.

## GREECE

### GENERAL

New Food Code issued in 1971 on standards of composition, labelling, packaging, sampling. The preparation and marketing of foods not covered by the code or not complying with it must be sanctioned by the Supreme Chemical Council and the Supreme Health Council also in some cases. Permission also required for dietetic foods. Detailed labelling requirements include size of letters in relation to size of label. Declar. art. colours, art. flavours, preservatives, emulsifiers and stabilisers, added vitamins. Declar. all ingreds. on non-standardised foods.

### ADDITIVES

The following may be used only where specified in the Food Code.

**Acids and Bases.** Acetic acid and sod. acetate; citric acid and calc., potass., sod., ammon. salts and sod. citrate monoxide and dioxide; fumaric acid and sod., potass., calc. salts; gluconic acid and sod., calc. salts; L-malic acid (maleic-free); L-lactic acid and calc., sod. salts; tartaric acid, sod. hydrogen tartrate, potass. hydrogen tartrate; ammon., potass., sod., calc. phosphates; HCl and $H_2SO_4$ for prep. of starch syrup; ammon., calc., magnes., sod. carbonates; ammon., sod., potass. bicarbonates; calc., magnes. oxides; ammonium; potass., sod. hydroxides.

**Antioxidants.** Ascorbic acid, *iso*-ascorbic acid, tocopherols, mixts cont. tocopherols, lecithin, citric acid, tartaric acid, phosphoric acid; B.H.A., max. 2,000 p.p.m. in fats; B.H.T., max. 2,000 p.p.m. in fats; propyl, octyl and dodecyl gallates, max. 200 p.p.m.

**Colours.** Max. 200 p.p.m. art. colours in finished food. List similar to EEC list but use of art. colours severely restricted.

**Emulsifiers and Stabilisers.** Sod. and calc. tartrate; sod. and calc. nitrate; sod., potass., and calc. phosphates; propylene glycol fatty acid esters; mono and diglycerides of fatty acids; lecithin; alginic acid and its sod., potass., ammon., and calc. salts; agar; carrageenan and its sod., potass., ammon., and calc. salts; dextrin; gelatine; pectin; gums (trag., arabic, guar, carob); mastic; CMC, max. 0·2%.

**Preservatives.** Benzoic acid, sod. benzoate, max. 1,000 p.p.m.; methyl, ethyl, propyl hydroxy-

*GREECE (cont.)*

benzoates, max. 1,000 p.p.m.; sorbic acid, potass., sod., calc. salts, max. 1,000 p.p.m. (2,000 p.p.m. in some cases); $SO_2$, sulphurous acid, sod. potass. sulphites and metabisulphites, max. 500 p.p.m.; sod. and potass. nitrate, max. 1,500 p.p.m.; sod. and potass. nitrite, max. 200 p.p.m.; diethyl pyrocarbonate; sod. chloride; vinegar; ethanol. May not use any of the following together in the same food: benzoic acid and its salts, hydroxybenzoates, and $SO_2$ and salts.

**Sweeteners.** Natural: sugar, invert sugar, fructose, fructose syrup, glucose, glucose syrup, maltose, grape sugar or extract of raisins, grape honey or treacle, carob honey or syrup, lactose, honey. Polyalcohols, *e.g.*, glycerine, sorbitol and mannitol in foods for special dietary purposes, with permission only. Synthetic: saccharine, dulcin, glucin. May be used only in dietetic foods.

### CONFECTIONERY

**Chocolate.** Cocoa mass, min. 32%; cocoa butter, min. 20%; sugar, max. 64%; lecithin, max. 1%; ash, 1–2%. No foreign fats. Harmless flavourings permitted. Products similar to chocolate but not complying with this standard to be called "Imitation Chocolate" in letters 5 mm high.

**Milk Chocolate.** Cocoa butter, min. 20%; cocoa mass, min. 15%; sugar, max. 58%; milk powder (min. 25% butter fat), min. 15%; ash, 1–2%.

**Nut Chocolate.** Min. 10% nuts. Declar. type of nut.

**Sugar Confectionery.** No artificial colours.

### MEAT PRODUCTS

Optional: Sod. and potass. nitrate, max. 0.15%; sod. and potass. nitrite, max. 0.02%; ascorbic acid, max. 0.1%; phosphates, max. 0.4%; monosod. glutamate, max. 0.2%; starch, max. 5%. No artific. colour or flavour. Labelling: declare type of meat, offal, added fat or oil, starch, amount of salt, additives.

## IRISH REPUBLIC

*As for U.K.*

## ITALY

### FOOD ADDITIVES

Regulations issued in March, 1965 and subsequently amended, lay down lists of permitted pH regulators, preservatives, antioxidants, emulsifiers, stabilizers, flavouring materials, etc., together with the foods in which they are permitted and the max. limits of use. Declaration of additives by name is generally required in most foods, except that flavours may be designated as 'natural' or 'artificial' and colours by their EEC number.

### BEVERAGES,

**Fruit Juices.** Preserv.: $SO_2$, max. 50 mg/l.

**Fruit Syrups.** Optional: glucose, max. 25% of total sweetening matter (declar. if less than 50% fruit); permitted colour to strawberry, cherry and plum (declar.); natural citric or tartaric acid. No artif. essences or sweeteners; no foaming agents. $SO_2$ residual 100 p.p.m.

**Artificial Syrups.** Must be labelled as such.

**Carbonated Beverages.** Dry matter, min. 6%. Optional: no colours; citric, lactic, acetic, tartaric acids; lemon essence; no artific. sweeteners, no glucose syrup; max. 10% of the sugar may be replaced by dextrose. Labelling: no illustrations of fruit.

**Fruit Juice Drinks.** Fruit juice, min. 12%; dry matter, min. 10% (if fruit juice below 12% and dry matter, min. 8% must be called imitation beverages). Optional: colours; benzoic acid and p-hydroxybenzoates, max. 200 mg/l if min. 12% fruit juice, until 31.12.1976 only; citric, acetic, lactic, tartaric acids; natural essences and extracts; no artific. sweeteners, no glucose syrup; max. 10% of the sugar may be replaced by dextrose.

## COCOA AND CHOCOLATE

**Cocoa Powder.** Ash, max. 7%. Cocoa butter, min. 20%.

**Soluble Cocoa Powder.** Ash, max. 7% in addition to alk. carbonate, max. 3%. Cocoa butter, min. 20%.

**Cocoa with Sugar.** Sugar, max. 65%.

**Chocolate.** Cocoa butter, min. 16%; sugars, max. 65% (including max. 5% which may be other than sucrose). Lecithin, max. 0.5%. Additions of any kind to be indicated. If foreign fat present, must be described as substitute. Skim milk choc. to be labelled as such.

## COFFEE

**Decaffeinated Coffee.** Caffeine, max. 0.15% of dry matter. No solvent residue; moisture, max. 5%. Declr. caffeine not more than 0.15%.

## FATS AND OILS

**Antioxidants.** All fats and oils (except olive oil): ascorbyl palmitate, 0.3%; BHA, BHT, max. 0.03%; gallates, 0.01%, tocopherols, 0.03%; lecithin, max. 0.5% in emulsified fats inc. margarine. (Sorbic acid also permitted up to 500 p.p.m.). Chewing gum, 0.1% max. BHA, BHT, gallates. Potato flakes, 0.003% max. gallates (0.01% max. in preps. of potato flakes) ascorbyl palmitate, max. 0.03%.

**Emulsifiers.** Monoglycerides (except lauric) 2% in emulsified fats; 0.25% in margarine; mixed mono- and diglycerides, 3% and 0.4% respectively; sucrose esters, 3% in fats and margarine; mono- and diglycerides esterified with acetic, tartaric or diacetyl tartaric acid, max. 3% in emulsified fats.

**Hydrogenated Fats.** Moisture, max. 2%; acidity (as oleic acid), max. 1%. No added colour, mineral oil, or precipitable amt. catalyst. Sesame oil (5%) for identif. Optional: sorbic acid, max. 0.05% (declar.).

## FISH, CANNED

Declar. reqd.: name of product, quality of oil or other medium; net wt.; name of manufacturer and place of manuf. (may be replaced by registered trade mark). In relief or indelible ink on metal container; burnt-in on wood; in relief on glass. Also on outer wrappers. Name "sardine" only for *Clupea pilchardus*; "anchovy", only *Engraulis enchrasicolus*; "tunny", only *Orcynus tynnus*. Mercury, max 0.7 p.p.m.

**Semi-preserved Fish Products.** Sorbic acid or sorbates, *p*-hydroxybenzoates, 1000 p.p.m.; benzoic acid or benzoates, 1,500 p.p.m.

*ITALY (cont.)*

## FLOUR PRODUCTS

**Alimentary Pastes.** Moisture, max. 12.5%. Acidity, on dry matter, max. 4° (types 0 and 1 flours), 5° (type 2 flour) (degrees of acidity correspond to ml. of normal alkali per 100 g. of product.). No artif. colour. Egg products to contain min. 5 whole eggs per kg. flour.

**Biscuits, Confectionery.** No use of mineral oil for greasing. May be coloured (declar.).

## FROZEN FOODS

Regulations on storage temp., transport, hygiene, labelling and importation of frozen foods.

## FRUIT AND VEGETABLE PRODUCTS

**Canned Fruits.** Permitted colour (declar.) to strawberries, cherries, plums. Labelling: wt. of drained fruit (g.); wt. of syrup (g).

**Canned Vegetables.** No preservs., no harmful colours. Declar. reqd. on label: name of product; quantitative comp. of essential ingreds.; net. wt. in g.; name and address of manuf.; statement that product is prepd. in accordance with standards in force; net wt. in g. of drained veg. for peas, French beans, artichokes.
**Jams, Conserves, Jellies.** Permitted colour (declar.). $SO_2$ residual 80 p.p.m. Pectin allowed, max. 1%.

## MEAT PRODUCTS

**Canned Meat and Sausages** Sod. nitrite, max. 150 p.p.m.; saltpetre, 250 p.p.m.

**Meat Extract.** Dry matter (100°C.), min. 80%. On dry matter: nitrogen, min. 11.0% (tolerance, 10.5%); ammonia, max. 1.0%; total creatinin, min. 7.80% (tolerance, 7.4%); total $P_2O_5$, min. 8.20%; total ash, max. 29%; total NaCl, max. 5%; fatty matter, max. 2%. No added preserv., colour, starch, sugar, glycerin, etc. Labelling: name of product; name and address of manuf.; net wt. in g.; statement that product complies with standards in force.

**Meat Broth, Concentrated.** % of each constituent (except NaCl) at least four-tenths of that reqd. on dry matter of meat extract. Labelling: as meat extract, with statement of composition.

**Meat Soup Cubes.** Dry matter (100°C.), min. 95%; extract base, min. 12%; total NaCl, max. 60%; fat, max. 4%; creatinine, min. 0.80% of dry matter. Optional: monosod. glutamate and 5′-disod. inosinate and 5′-disod. guanylate (5% of the MSG). Standard wt., 4 g. Labelling: as meat broth conc. (except net wt.). Cubes to be wrapped in moisture-proof paper, bearing name of product, name and address of manuf.

## SOUP PRODUCTS

**Soups, Concentrated.** Prepared from "extract" bases derived from (1) meat, (2) yeast, (3) other veg. substances, (4) milk, (5) mixtures of these; standards as follows: (1) *Meat.* (See under meat products). (2) *Yeast.* Dry matter (100°C.) min. 75%; total nitrogen, min. 9% of dry matter; total ash, max. 25% of dry matter.; NaCl, max. 15% of dry matter. (3) *Other veg. substances.* Dry matter, min. 75%; total nitrogen min. 5.5% of dry matter; total ash, max. 40% of dry matter; NaCl, max. 35% of drymatter. (4) *Milk.* Dry matter, min. 80%; total nitrogen, min. 9% of dry matter; total ash, max. 35% of dry matter; NaCl, max. 25% of dry matter. (5) *Mixtures.* Mixtures of two either in equal amt. or at least 75% of one kind. (Declar. of character of mixture.)

**Soups.** % of each constituent (except NaCl) at least four-tenths of that reqd. for dry matter of extract used. Labelling: description of product and its composition; name and address of manuf.; net wt.; declar. that product corresponds with standards.

**Soup Cubes.** Prepared from extract bases as under "soups, concentrated". Min. 12% of extract base. Dry matter (100°C.) min. 95%; NaCl, max. 60%; fat, max. 4%. Standard wt., 4 g. Labelling as for "soups, concentrated" (except net wt.). Cubes to be wrapped in moisture-proof paper, bearing name of product, name and address of manuf.

### SUGAR

$SO_2$, max. 15 p.p.m. residue (no declr.)

### VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** From wine only. Total acidity, as acetic, min. 5%. No addition of acetic or other acids or colour. Preserv. $SO_2$, max. 50 mg/l. Spirit vinegar: for preserv. purposes only; no added colour.

**Pickles.** Labelling: wt. of drained veg. (g.); net wt. (g.).

### FLAVOURING MATERIALS

Synthetic equivalents of natural products permitted as 'natural'. 'Artificial' flavours limited to: ethyl acetoacetate, $\rho$-toluene aldehyde, allyl capronate, dimethyl resorcinol, methyl amyl ketone, methyl cyclopentenolone, ethyl-$\beta$-naphthol, allyl cyclohexyl propionate, methyl heptyne carbonate, ethyl methyl phenylglycidate, ethyl vanillin, $\gamma$ -nonalactone, hydroxy citronellal, methylionones, naphthyl methyl ketone, propenyl guaethol and undecalactone. Maximum limits are set for the above in sweets, biscuits, etc. Permitted solvents: ethyl alcohol, diethylene glycol ethyl or propyl ethers, propylene glycol.

### COLOURING MATTERS

See Tables, pp. 800-806.

### PACKAGING MATERIALS

Detailed requirements for plastics, rubber, regenerated cellulose, paper, glass and stainless steel intended to come into contact with food.

## MALTA

*As for U.K.*

## NETHERLANDS

### BEVERAGES, NON-ALCOHOLIC

**Fruit Juice.** Juice or dil. conc. juice; spec. grav.: strawberry, 1.025; red, white currant, 1.036; black currant, 1.040; apple or pear, 1.045; cherry, pineapple or grape, 1.050; lemon, 1.034; orange, 1.042; grapefruit, 1.036; tomato, 1.018. Raspberry juice: sugar-free solids, min. 3.0%. Alcohol content, max. 0.5% by vol. (raspberry, 1.5%). Optional: citric acid, fruit essence; to tomato juice: salt, max. 1.5%. Preserv. (if not labelled "pasteurized" or "sterilized"): $SO_2$, max. 150 p.p.m., or benzoic or sorbic acid, max. 400 p.p.m. (citrus juices, $SO_2$, max. 400 p.p.m., and/or benzoic or sorbic acid, max. 150 p.p.m.).

**Sweetened Fruit Juice.** Sugar, max. 20% (citrus fruits, 45%); declar. of % added. Preserv. from fruit juice used (as above) only.

**"Fruit-ade" Syrups.** Syrups for lemonade, etc., bases: fruit juice, sugar soln., citric acid, lactic acid or citrus juice. Sugar, min. 55%;

*NETHERLANDS (cont.)*

fruit juice (on sp. grav. basis as above), min. 30% (lemon, pineapple, 20%). Optional: fruits (in whole or part), lemon juice or citric acid, fruit essence, agar, pectin, sod. alginate, gelatine, locust kernel gum, sod. carboxymethylcellulose. (max. all stabilizers, 0.2%), permitted colouring. If citrus, may be called "squash syrup" or "fruit squash syrup". Preserv.: $SO_2$, max. 75 p.p.m. and/or benzoic acid, max. 250 p.p.m., sorbic acid, max. 250 p.p.m.

**Imitation "Fruit-ade" Syrups.** Optional: sugar, glucose, citric, tartaric, lactic acids, harmless colourings and essences, fruits, fruit juices, plant parts, herbs, spices, spice extracts. Sugar, min. 55%. Preserv.: $SO_2$, sorbic or benzoic acid, max. 250 p.p.m. (if fruit or fruit juice present, $SO_2$ max. 100 p.p.m. *or* benzoic or sorbic acid, max. 250 p.p.m.). Labelling: no use of word "pure", etc., or words implying presence of fruits.

**Tonic Water.** Sugar, min. 6%. Quinine hydrochloride, min. 40 mg./litre.

## COCOA, CHOCOLATE, AND SUGAR CONFECTIONERY

**Cocoa Mass.** On fat-free dry matter: ash, max. 14%; alk. of ash, max. 155 ml. N/1 alkali/100 g. Max. phosphatides 0·5%.

**Cocoa Powder.** Fat, min. 20% of dry matter. If less, must be described as strongly defatted with 8–20% fat. Moisture, max. 9%. Shell, ash, alk. of ash, as for cocoa mass.

**Chocolate.** Total cocoa constits., min. 35%; fat-free dry matter, min. 14%; cocoa butter, min. 18%.

**Couverture.** Total cocoa constits., min. 35%; fat-free dry matter, min. 2·5%; cocoa butter, min. 31%.

**Milk Chocolate.** Total cocoa constits., min. 25% fat-free dry matter, min. 2·5%; milk fat, min. 3·5%; total milk solids, min. 14%.
Total fat, min. 25% (for milk couverture min. 31%); sucrose, max. 55%.

**Covered and Filled Chocolates.** Standards for chocolate part as above. Coating must comprise min. 25% total wt. Detailed labelling regulations cover ingredients declaration, etc.

## COFFEE PRODUCTS

**Coffee Extract, Powdered Coffee Extract.** Coffee solids in liquid extract, min. 6%; caffeine, min. 4% of coffee solids; if described as caffeine-free, caffeine max. 0.4% of coffee solids. Optional: sugar, max. 50% of d.m. (declar.). No foreign subst., incl. artif. colours or preserv., but permission may be granted in certain cases, on application, for addition of agents for maintaining dryness of powders.

**Coffee Extract with Caramel, Chicory, etc.** Coffee extract solids, min. 50% of d.m. Liquid products: sugar-free dry matter min. 7%, max. 12% caffeine (unless "caffeine-free"), min. 0.2%, reducing sugars after "strong" inversion, max. 35% of dry matter. Solid products: moisture, max. 5%; caffeine (unless "caffeine-free"), min. 1.8% of dry matter; reducing sugars after "strong" inversion, max. 66% of dry matter.

N.B. Coffee extract powders for sale in automatic vending machines may contain certain anti-caking agents, max. 0·5%. The label must state "for automatic vending machines."

## FATS AND OILS

Moisture, max. 0.5%; traces salt only (both only in animal fats solid at 15°C.). Optional: carotene and substances derived from annatto; octyl, dodecyl gallates, B.H.A., B.H.T., max. 0.01% (of each or of a mixture) (but not in cocoa butter), citric acid (if antioxidant used); or if intended for use in cakes and biscuits specially packed for good shelf-life, max. 0.04% (special labelling in such case, and fat not to be sold for direct consumption). No antioxidant in oils and fats used for bread. Labelling: declar. of "0.01% antioxidant," in prescribed form.

## FISH PRODUCTS

Permissible additions (apart from accompanying sauce or liquid): salt, sugar, edible oil, spices and herbs, vinegar, lactic acid, smoke constits., and (to fish paste and fish sausage) farinaceous matter, max. 4% as dry starch. Preservs.: to uncooked products, benzoic or sorbic acid or their salts, max. 0.5%; to peeled shrimps, benzoic or sorbic acid, max. 1%. Artif. colour only in fish paste, shrimps in hermetic packs, smoked salmon substitute (declar. for this), fish roe (declar.). Sod. pyrophos., max. 0.5% only to filleted, breaded frozen fish. Labelling: detailed descriptive requirements and type sizes; unsterilized packs to be marked "keep cool, limited storage."

## FLOUR AND FLOUR PRODUCTS

**Wheat Flour.** Moisture, max. 16.5%; ash, max. 1.5% of dry matter; crude "sand", max. 0.1%; acidity, max. 4 ml. normal alkali per 100 g. of product. Optional (max. per 100 kg. flour): (a) benzoylsuperoxide, 3.5 g., + calcium phosphate, 16.5 g.; (b) *o*- or *m*-toluylsuperoxide, 2 g., + wheat grist, 25 g., or calcium phosphate, 12 g.; (c) ammonium persulphate, 12.5 g., + calcium phosphate, 12.5 g.; (d) *l*-ascorbic acid, 5 g.; (e) rosehip powder, or fruit powder containing 5 g. *l*-ascorbic acid, 100 g.; (f) a mixture of (d) and (e), 500 g., plus malt, malt extract, and/or calcium phosphate, 25 g.; (g) lecithin preps. to max. 200 g. lecithin; (h) mixtures of permissible amts. of above ingreds. with flour or meal. No preservs., artif. sweeteners, or alum, or treatment with $NCl_3$.

**Malt Flour.** Ash, max. 1.5% of dry matter, water-sol. starch, min. 20%; otherwise as for wheat flour.

**Self-raising Flour.** Wheat flour with max. 10% added starch and max. 3% raising agent. Optional: permitted colouring matter. If "egg" mentioned in name, min. 15% egg or 5.5.% yolk, or equiv. dried material, reqd.

**Alimentary Pastes.** Wheat flour or meal. Optional: salt; additions as for flour, permitted colouring matter. Salt-free ash, max. 1.5% of dry matter. If described as egg product, min. 15% egg or 5.5% yolk, or equiv. dried material.

**Pudding Powders, and similar.** Flour and/or starch, permitted colour, raising agent (max. 3%). Optional: sucrose, milk constituents, harmless acid, binding agent, salt (max. 5%), flavouring, cocoa, coffee extract, fruits, If "egg" claimed, requirement as for self-raising flour. No artif. sweeteners or preserv.

**Cake Powders.** Self-raising flour, flavoured, coloured yellow with dried egg or yolk or with permitted colouring matter.

*NETHERLANDS (cont.)*

**Custard Powders.** Starch powder, with permitted colour, vanilla flavour, and salt (max. 1%).

## FRUIT AND VEGETABLE PRODUCTS

**Canned Fruits.** Packing media: "water" (sugar content, max. 13%), "juice" (sugar, 13—25%), "syrup" (sugar, above 25%). Optional: citric acid, lactic acid, permitted colouring. Preserv. (in water and juice packs, if not pasteurized or sterilized): $SO_2$, max. 75 p.p.m., *plus* benzoic or sorbic acid, max. 250 p.p.m.

**Tomato Puree.** Optional: salt, max. 1.5%; permitted colour (to concentrates only). If described as "concentrated", "double-," "triple-" etc. concentrates, must have, when diluted with equal, double, triple, etc. wt. of water, a sp. gr. not below 1.018, calcd. on salt-free product.

**Jams, Marmalade.** *First grade:* sugar used, max. 1.4 times fruit (orange marm. 2.5 times, pineapple, 2.0 times, ginger and ginger mixtures, 3.6 times); water, max. 35%; sugar content of jam (calc. as sucrose), max. 61% (orange marm., pineapple, ginger, 63%) when calc. to basis of corresp. jam with 35% water content; pectin (as calcium pectate), max. 0.7%. Optional: citric acid; (strawberry only), permitted colour; $SO_2$, max. 50 p.p.m. "*Household*" *grade:* sugar, max. 2.0 times fruit (orange marm. 4 times, pineapple, 2.7 times, ginger and ginger mixtures, 5.5 times); glucose may replace sugar, but min. 30% sugar reqd.; water max. 35%; sugar *plus* glucose solids, max. 62% (orange marm., pineapple, ginger 64%) when calcd. to corresp. jam with 35% water; pectin, citric acid, lactic acid, as for first-grade. Optional: permitted colour; preserv. ($SO_2$, max. 75 p.p.m., or benzoic or sorbic acid, max. 250 p.p.m. unless product marked "pasteurized" or "sterilized". If in non-sterilizable pack, benzoic or sorbic acid max. 400 p.p.m.).

**Low Sugar Fruit Spread (Jam).** Fruit, min. 50%; sugar, max. 30%; sorbic acid, max. 0.025% and $SO_2$, max. 0.005%; pectin, agar, carageenan, sod. alginate, gelatine, carob gum, guar gum, sod. CMC, max. 2%; citric acid, max. 0.8%; calc. citrate, max. 0.35%; calc. phosphate, max. 0.07%; colours in prods containing strawberries, max. 0.05%; water. Must be called "Fruit product with max. 30% sugar".

**Fruit Jellies.** Sugar used, max. 1.4 times fruit juice (citrus jellies, 2.5 times, pineapple, 2.0 times). Water. max. 35%. Pectin, citric acid, lactic acid, preserv., as for jams, Glucose in "household" grade as for jams. Permitted colour: strawb. jellies only.

**Imitation Fruit Products.** (Imit. fruit jelly, "fruit-ade" syrups or powders, pudding sauces, imit. jelly powders or pastes, alcohol-free liqueurs, etc.). Optional: sugar, glucose, citric, tartaric or lactic acid, sod. bicarb., permitted colours and essences, binding agent, fruits, fruit juices, egg constits., edible oils and fats, plant parts, herbs, spices and spice extracts. Preserv.: $SO_2$, max. 250 p.p.m., or benzoic acid, max. 250 p.p.m.; if fruit or fruit juice present, $SO_2$ max. 50 p.p.m. as well as the benzoic acid; in effervesc. lemonades and lemonade powders, $SO_2$, benzoic acid, or a mixture of these (max. 75 p.p.m. in each case).

Labelling: no words such as "pure", etc., or suggestion of presence of fruits.

**Fruit Sauces.** Optional: citric, lactic acids; stabilizer (pectin, agar, sod. alginate, gelatine, carob gum, sod. carboxymethyl cellulose), max. 0.2%.

## MEAT PRODUCTS

**General.** Optional additions: salt, salt containing max. 0.6% sod. nitrite, herbs, spices, water, sucrose, glucose, vinegar (not artif. coloured), small amt. sod. citrate (derived from blood as anticoagulant), add. sod. and pot. phosphates (max. 0.5%), glutamic acid or its sod. salt, saltpetre (max. 0.2%); max. sod. nitrite 0.05%. Ratio water to fat-free organic matter, max. 4.0 (except certain special sausage products and pickled meats). (% fat-free organic matter = 100 − % water, fat, starch and ash).

**Sausage (Fresh).** Preserv.: $SO_2$, max. 300 p.p.m.

**Meat Paste.** Farinaceous matter, max. 6% (as dry starch).

**Meat Extract.** Water, max. 20% total creatinin, min. 6% of dry matter. Optional: salt.

**Liquid Meat Extract.** Water, max. 68%; total creatinin, min. 1.5% of dry matter. Optional: salt, veg. extracts and/or spices.

**Consommé.** A meat extract product jelled at 15°C. Water, max. 85%; total creatinin, min. 1.5% of dry matter. Optional: salt, gelatine, spice extracts.

**Concentrated Soups.** Optional: benzoic acid, max. 250 p.p.m. (or equiv. sod. salt).

**Bouillon Cubes.** A meat extract product. Total creatinin, min. 0.5%. Optional: salt (max. 65%), fats, spices or spice extracts, veg. extracts.

**Soup or Gravy Tablets.** Salt-free solids, min. 50%. If presence of meat or meat extract claimed, the soup prepared by dilution (water only) as directed must have creatinine min. 0.08 g./litre. Gravy prepared as directed, min. 0.16 g./litre creatinine. Below these standards, description ". . . flavour" must be used. If no meat content, total nitrogen must be min. 3%, amino acid nitrogen min. 1.5%, and salt-free solids min. 30%; no use of word "meat".

All above soup tablet products, if claimed "with fat", must have fat, min. 10%; if "fat-rich", fat min. 25%. No artif. colour except colour allowed to be present in ingreds. No preservs., or worthless fillers. No alk. reaction to litmus.

## MILK PRODUCTS

**Condensed Milk (Unsweetened).** Milk fat, min. 7.8%; milk fat in dry matter, max. 45.0%; total milk solids, min. 25.9%; stabilizers (only sod. chloride, sod. carbonates sod. phosphate but not polyphosphates, sod. citrate, calc. chloride), max. 0.2%. Streptococci not in considerable numbers; no coli-aerogenes or pathogens; no unusual number of staphylococci in the sediment. Labelling: must be described as "sterilized"; if fat content stated, content of fat-free milk solids must also be given.

**Condensed Milk (Sweetened).** Milk fat, min. 8.0%; total milk solids, min. 28.0%; otherwise as for unsweetened condensed milk.

**Milk Powder.** Moisture, max. 5%. Milk fat in dry matter, min. 41% for "fat"; 26% for "full"; 1.5% for "partly skimmed"; max. 1.5%

*NETHERLANDS* (*cont.*)

for "skimmed". Na and Ca salts of HCl, carbonic, phosphoric and citric acids, max. 0.5%.

**Milk Powder Mixtures.** Milk solids, min. 25%. Fat content of milk portion to correspond with standard for grade claimed.

## SPICES, CONDIMENTS, AND FLAVOURINGS

**Spices and Herbs.** Definitions for many spices, incl. quant. standards for ash, sand, volatile oil, non-volatile ether extract, etc. Max. 50 p.p.m. ethylene oxide as residue from fumigation.

**Mustard Paste, Table Mustard.** Water, max. 78%; total sulphate, as $SO_4$, max. 1.5%; salt, max. 15% of dry matter; salt-free ash, max. 8% of dry matter; crude sand, max. 1% of dry matter. Optional: vinegar, water, whey, salt, spices, sugar, permitted colour. Preserv.: sorbic or benzoic acid (each, max. 250 p.p.m.).

**Iodised Salt.** Pot. iodide content, 39 p.p.m.

**Table Salt.** Colloidal silicic acid, Ca. Mag. silicate, Sodium-silico-aluminate, tricalc. phosphate, Ca. Mag. carbonate, Ca. stearate, max. 1%. Pot. Sod. ferrocyanide, max. 10 mg/kg.

## SUGAR PRODUCTS

**Invert Sugar Syrup.** Total solids, min. 75%; sucrose, max. 20%; ash, max. 0.5%; $SO_2$, max. 40 p.p.m.; acidity, max. 7 ml. N. alkali/100 g.

**Glucose Syrup.** Total solids, min. 80%; reducing sugar (as dextrose), min. 43% of dry matter; dextrin, max. 49% of dry matter; ash, max. 0.6%; $SO_2$, max. 20 p.p.m., 400 p.p.m. in confectioner's syrup; acidity, max. 2.5 ml. N. alkali/100 g.; arsenic, not detectable in 0.5 g.

## VINEGAR AND VINEGAR PRODUCTS

**Mayonnaise.** Oil, min. 80%, hens egg yolk, min. 6%; no lecithin. Optional: benzoic or sorbic acid, max. 0.1%; colours E 100, E 102, E 103, E 104, E 105, E 110, E 160 (see page 697) only; thickeners, max. 0.3%; E.D.T.A., max. 75 p.p.m.

**Salad Cream.** Oil, min. 25%, max. 79%; egg yolk, min. 7.5%. Optional: benzoic or sorbic acid, max. 0.2%; thickeners, max. 10% (cellulose ethers, max. 2%).

**Vinegar.** Acetic acid, min. 4% wt./vol. (wine vinegar, 5.5%). Salt-free dry matter, min. 0.7%. Optional: salt, caramel colour. Solns. of acetic acid 12.5% to 80% wt./vol. to be called "acetic acid solution" and specially labelled as dangerous if undiluted. If over 80% must be called "essence of vinegar" or "acetic essence".

**Sauces, Ketchups.** Salt-free dry matter, min. 10%. Optional: benzoic or sorbic acid, max. 1,000 p.p.m. No added colouring matter except that from ingreds. (where permitted).

## METALLIC CONTAMINATION

Apparently control of metallic contamination is based on prohibition of the use of machinery, utensils, containers, solder, etc., containing harmful metals, and the authorities have powers of inspection of factories to secure compliance.

## COLOURING MATTERS

See Tables, pp. 800-806.

### PRESERVATIVES

As stated above for particular foodstuffs.

### LABELLING

Specified size of type prescribed for statements of net weight or measure, and often also for the designation of the article. Special marking arrangements for some classes of foods, *e.g.*, cheese, produced in the country. Exporters should satisfy themselves that labels conform to the very detailed requirements laid down.

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## NORWAY

### BEVERAGES, NON-ALCOHOLIC

**Fruit Juice.** Obtained by pressing, with or without previous heating and enzyme treatment. Alcohol, max. 0.5%. Optional: $CO_2$; ascorbic acid; malic, lactic, citric acids and sod., potass. and calc. salts, max. 0.2%; agar, alginates, water sol. cellulose ethers, gelatine, carrageenan, tragacanth, max. 0.5%; pectin; permitted natural colours (see Table, p. 806); antifoam agents (fatty acid esters opt. in agents (fatty acid esters opt. in comb. with glycerol and paraffin oil, phenyl and methyl silicones); juice other than named juice, max. 5% in single or 2 fruit juices (rhubarb juice may not be added to other juices); preservatives (declr.): p-hydroxybenzoic acid esters and sod. salts, max. 0.09%, sorbic acid and sod., potass. and calc. salts, max. 0.1%, benzoic acid and sod. salt, max. 0.15%, $SO_2$, max. 0.005%. Two juice mixtures: kind named first must preponderate. Other mixtures to be called "Mixed juice", "Household juice". On rhubarb juice no illustration of other plants on label and must be called "Rhubarb juice". Declr. $CO_2$.

**Sweetened Fruit Juice.** Juice, min. 50% (min. 85% in apple juice). Juice, min. 40% for blackcurrant, redcurrant, raspberry, strawberry, cherry juice if called "syrup". Sugar, glucose, glucose syrup (declr. g./l.); sol. solids (refract.) max. 55% (max. 25% in apple and 63% in syrup). Otherwise as for fruit juice.

**Fruit Must.** Pure juice, sugar (glucose, glucose syrup) and ascorbic acid only. Dry matter, max. 15%; alcohol, max. 0.5%.

**Fruit Nectar.** Pure juice, sugar (glucose, glucose syrup), ascorbic acid and water only. Pure juice, min. 40% (min. 30% for black- and redcurrant); dry matter, max. 15%; alcohol, max. 0.5%; $SO_2$, max. 10 p.p.m.

**Fruit Juice Concentrate.** Min. 2/3 of orig. water removed (declr. degree of conc.). Optional: may add back aroma subs. extracted during concn.; sugar, glucose, glucose syrup. Declr. % sugar added. State degree of concn. and directions for use. Otherwise as for fruit juice.

**Fruit Squash.** Prepared from juice or juice conc., water, sugar. Sol. solids (refract.), max. 15%. Pure juice, min. 20% (declr. % on label). Optional: $CO_2$ (declr.), ascorbic acid; malic, lactic, citric acids and sod., potass. and calc. salts, max. 0.2%; pectin; agar, alginates, water sol. cellulose ethers, gelatine, carrageenan, tragacanth, max. 0.5%; permitted natural colours; glucose, glucose syrup;

*NORWAY (cont.)*

saccharin, max. 0.01% (declr.); antifoam agents (as for fruit juice); quinine and salts (declr.), max. 0.01% in ready-to-drink prod. of squash conc.; preservatives (declr.): benzoic acid and sod. salt, max. 0.15%, p-hydroxybenzoic acid esters and sod. salts, max. 0.09%, sorbic acid and sod., potass. and calc. salts, max. 0.1%, $SO_2$, max. 0.0035%. Prod. to be called "Fruit squash" with addn. of name of fruit from which it is made.

**Lemonades.** Prepared from water and natural extracts of fruit, with or without added sugar. May add juice, conc. juice or crushed fruit. Optional: $CO_2$ (declr.); ascorbic, malic, lactic, citric acids; essential oils and natural essences; phosphoric acid, max. 0.06%; quinine and salts (declr.), max. 0.01%; permitted natural colours; galactamannan; pectin; saccharin and sod. salt (declr.), max. 0.005%; sucrose diacetate hexaisobutyrate, max. 0.05%; preservs. (declr.): benzoic acid and sod. salt, max. 0.05%, sorbic acid and sod., potass. and calc. salts, max. 0.1%; $SO_2$, max. 0.0015% provided no other preservs. used. Prod. to be called "—— squash" plus name of fruit used if after diln. with water gives drinkable lemonade with min. 8% pure juice. State intructions for addn. of water and poss. sugar to prepare drink. If called "ready-to-drink prod. with sugar added" must contain 10% solids (refract.). Prod. containing artific. sweetener must have sweetness equiv. to 10% sugar. Declr. % pure juice in finished prod. All letters in description to be of same size, shape, colour and design. If contains less than 8% pure juice when ready to drink may not use illustrations of plants or parts of plants.

**Substitute or Substandard Beverages.** Prods. which do not meet the requirements for fruit juice, fruit squash, squash and lemonade but are considered to be substitutes for them because of flavour and appearance. Must be labelled in Norwegian. Name of prod. must be Ministry approved. May declr. type of flavour, *e.g.*, "with orange flavouring". May not use name of standardised prod. being imitated or words or illustrations of fruit even in trade mark. Declr. all ingreds and declr. whether colours and flavours are natural or artific. If name of prod. consists of two or more words they must be adjacent and in letters of similar size, shape and design.

**Soft Drinks, Carbonated Beverages.** Substitute for lemonades. Prepared from water and artific. flavour. Optional: sugar; natural fruit flavour; permitted col. (declr.) (Tables, pp. 800–806); essential oils and essences (declr.); caffeine (declr. caffeine content in proportion to amount in a cup of coffee—one cup of coffee contains 90 mg caffeine), max. 0.015%; water sol. cellulose ethers to prods. sweetened exclusively with artific. sweeteners only, max. 0.05%; otherwise as for lemonades. Prod. must be called "soft drink" or "carbonated beverage" or "soft drink with simulated —— flavour" with name of fruit inserted.

**Concentrated Soft Drinks.** Prod. which after diln. with water gives soft drink or carbonated beverage as above. Declr. diln. ratio for making prod. ready for consumption. Declr. $CO_2$. Labelling as for soft drinks above.

## COCOA, CHOCOLATE, AND CONFECTIONERY

**Cocoa Mass.** Cocoa butter, min. 50%; shell and germ, max. 2.5%. Alkalization: sod., potass., or ammon. carbonate or hydroxide, max. 2.5% as $K_2CO_3$.

**Cocoa Powder.** Cocoa butter, min. 20% (if less, must be described "low-fat"). Spices or harmless flav. substances, max. 1% unless declar.

**Cocoa Butter.** Obtained by pressing only. Solvent-extracted material to be called "cocoa fat"; must not be used in chocolate or choc. products.

**Chocolate.** Cocoa mass *plus* added cocoa butter, min. 40%. No foreign fat, or filling substances. Optional: lecithin; essential oils and essences; vanillin, ethyl vanillin; glycerol; mono and diglycerides; sorbitol; natural waxes (couverture only); sod. silico aluminate, max. 1% (choc. powder only); polyglycerol fatty acid esters, max. 0.5%; sorbitan fatty acid esters. Declar. of more than 1% of spices, or 5% of materials such as nuts, milk, cream, honey.

**Couverture.** As for chocolate.

**Milk Chocolate.** Mass *plus* added cocoa butter, min. 30%; full-cream milk solids, min. 12.5%.

**Nut Chocolate, Almond Chocolate, etc.** Mass *plus* added cocoa butter, min. 30%; nuts, etc., min. 5%.

**Confectionery.** Optional: paraffin as lubricant, max. 0.5%; alkyl gallates (in butter croquant, max. 0.01%); ammon. chloride (in pastilles, max. 10%); glycerine; sorbitol; esters of p-hydroxybenzoic acid and sod. salts (only in marzipan, max. 0.1%), vanillin, ethylvanillin, essential oils and essences; agar, alginates, water soluble cellulose ethers, gelatine, carrageenan, mono and diglycerides, pectin, tragacanth, gum arabic, galactomannan; permitted colours (see Tables, pp. 800-806); gold, silver, alumin., tin, copper, for decorations; sorbitan fatty acid esters; antifoam agents (fatty acid esters optionally combined with glycerol and paraffin, phenyl and methyl silicones). If word "chocolate" or "cocoa" occurs in the designation, choc. or cocoa of above standard must be present in recognizable amt.

## EGG PRODUCTS

Optional: alkyl gallates, max. 0.01% of fat content in dried egg yolk; benzoic acid and sod. salt, max. 0.5% (declar.), glucose oxidase; sod. orthophosphate, max. 0.5%, in dried egg white.

## FATS AND OILS

**Antioxidants.** Tocopherols only.

**Margarine and Shortening.** Optional: diacetyl; essential oils and essences; annatto, turmeric, carotene, cartenoids; lecithin; lactic, citric acids; mono and diglycerides.

**Bakery Fats Mixtures.** Optional: ascorbic acid and sod. salt; water soluble cellulose ethers, max. 5%; enzymes (glucose oxidase, papain, pectinase); glyceryl lactopalmitate (or stearate), max. 7%; Sunset Yellow FCF (declr.); mono and diglycerides of diacetyl tartaric acid, max. 7%; mono and diglycerides of fruit acids, max. 3%; sod. and potass. carb.; sod. orthophosphate; substances permitted in margarine.

## FISH PRODUCTS

**Fish Paste.** Farinaceous matter, max. 5% starch (higher amts. if declar.).

**Canned Fish (Sterilized).** Optional: citric acid and sod., potass. and

*NORWAY (cont.)*

calc. salts; antioxidants as for meat ´products; orthophosphoric acid, max. 0.4% of brine (for shellfish only); permitted natural colour; sod. glutamate; acetic acid (shellfish only); essential oils and essences (declar. artific.); diacetyl in sauces; thickeners as for prepared meat prods. in prods. in jelly or sauces only.

**Unsterilized Fish Products.** (anchovies) pickled herring, caviar, herring fillets, etc.). Optional: acetic acid; permitted artific. colours (Tables, pp. 800-806) only to caviar and salmon substitutes; saccharin and sod. salt, max. 0.04% (declr.); substances permitted in canned fish. Preservs. (declar.): benzoic acid, max. 0.5%; esters of *p*-hydroxybenzoic acid or their salts or mixtures of same, max. 0.05%; hexamethylene tetramine, max. 0.05% (caviar, 0.1%); sorbic acid and Na, K, Ca salts, max. 0.2%; boric acid, max. 0.2% in caviar if other preserv. not used.

**Crab Paste, Dressed Crab,** (and corresponding lobster products). Crab or lobster content (meat, liver and roe), min. 65%; starch content, max. 4%; no added fish (or added crab in lobster products). Products below this standard may be sold if not given above designations, and if compn. declared (*e.g.*, "prepared from lobster and fresh fish").

## FLOUR AND FLOUR PRODUCTS

**Flour Confectionery.** Optional: water sol. cellulose ethers in cake mix and glazing fat, max. 5%; ascorbic acid and sod. salt; cysteine, max. 0.005% of dough; acetic acid and sod., potass. and calc. salts; citric and lactic acids; enzymes (glucose oxidase, papain, pectinase); essential oils and essences to cakes, pastries and creams for filled biscuits; thickeners: agar, alginates, water sol. cellulose ethers, gelatine, alginates, carrageenan, pectin, gum arabic, tragacanth, only to pastries; galactomannan; permitted colours to cakes, pastries and creams for filled biscuits only (Tables, pp. 800-806); gold, silver, alumin., tin, copper for decoration only; calc. saccharate to whipped cream only; lecithin; maltol; mono- and diglycerides of diacetyltartaric acid, max. 0.6% of flour; mono- and diglycerides; mono- and diglycerides of fruit acids, max. 0.3% of flour; sod. stearyl fumarate, max. 0.5% of flour; orthophosphoric acid and sod., potass. and calc. salts; polyglycerol esters of fatty acids, max. 0.5% in biscuits, max. 2.5% in cake mixes; polyoxyethylene sorbitan fatty acid esters; sorbitan fatty acid esters; preservs. (declr.): p-hydroxybenzoic acid esters and sod. salts (*iso*propyl alcohol as solvent), in cake, max. 0.1% of finished prod., sorbic acid and sod., potass. and calc. salts in cake, max. 0.2% of finished prod., propionic acid and sod. and calc. salts (no declr.) in cake, max. 0.5% of finished prod. See also Bakery Fat Mixtures on p. 737.

## FRUIT AND VEGETABLE PRODUCTS

**Fruit Products, General.** Arsenic, max. 1 p.p.m. (as As); lead, max. 2 p.p.m.; copper, max. 50 p.p.m.; tin, max. 250 p.p.m. in canned prods.

**Canned and Bottled Fruit.** Optional: sugar, glucose, dextrose; ascorbic acid; acetic, malic, lactic, citric acids; thickeners: alginates, cellulose ethers, carrageenan, max.

0.5%; galactomannan; permitted natural colour; permitted artific. colour to cherries in fruit salad and fruit cocktail only; calc. chloride for ppt. of oxalic acid; pectin; antifoam agents as for fruit juice; $SO_2$, max. 0.005% (declr.); spices (declr.). Labelling: if dried fruit used word "dried" must be used in name of prod. (may add 5% dried fruit to fruit salad and fruit cocktail without declr.).

**Canned Peas** (in brine). If alcohol-insol. carbohydrate over 22%, must be labelled "Canned over-ripe peas". Dried peas must be called "Canned dried peas". No added colour.

**Tomato Puree.** Sol. solids (refract.) min. 25% (sugars, min. 40% and acid, calculated as citric, max. 10% of solids). Water insol. solids, max. 16%. Salt, max. 5% of total solids. No added sugar. Must be packed in lacquered tin-plate or glass or other approved material.

**Tomato Ketchup.** Prepared from tomato puree, salt, spice, vinegar, onion and sugar. May add max. 10% apple puree (declr.).

**Spinach Puree.** Dry matter, min. 6%.

**Jams.** Sol. solids (refract.) max. 60% (*sic*); fruit content, min. 40 g./100g. finished prod. (min. 25 g. blackcurrants, 33 g. rose hips). Two-fruit jams: amt. of each fruit to be min. 30% of total wt. of raw materials; that in larger amt. to be named first (but one of fruits may be min. 20% of total fruit, if name of such fruit follows word "with" in designation). Declr. total % sugar content (inc. glucose solids). Optional: ascorbic acid; antifoam agents as for fruit juice; citric, malic or lactic acid, max. 0.2%; sod., potass. or calc. salts of these acids, max. 0.2%; glucose or glucose syrup; natural colour; colouring with other fruit juice, max. 5% of total fruit used; pectin; agar, alginates, water soluble cellulose ethers, gelatine, carrageenan, gum tragacanth, max. 0.5%. Preserv.: benzoic acid, max. 1,500 p.p.m. (or equiv. sod. salt) (declar. if over 350 p.p.m.); esters of *p*-hydroxybenzoic acid or equiv. salts or mixtures of same, max. 900 p.p.m. (declar. if over 200 p.p.m.); sorbic acid, max. 1,000 p.p.m. (declar. if over 250 p.p.m.); $SO_2$ from pulp or liquid pectin, max. 50 p.p.m. (declar.); saccharin (declar.), in dietetic jam only.

**Citrus Marmalades.** Fruit content min. 20% pip-free fruit; sol. solids (refract.) max. 60% (*sic*). Optional: as for jams.

**Fruit Jellies.** Fruit juice and/or extract, min. 40 g./100 g. finished prod. (min. 25 g. blackcurrants, 33 g. rose hips). Sol. solids (refract.), max. 60% (*sic*). Optional: glucose, dextrose, colouring, pectin, etc., as for jams; malic, citric and lactic acids and their sod., potass. and calc. salts, max. 0.05%; preservs. as for jams.

**Candied Fruits, Preserved Fruits.** Optional: permitted colour (declar.); artif. flav.; otherwise as for jams.

**Dried Fruit.** $SO_2$, max. 2000 p.p.m. (declr. "contents to be boiled before consumption").

**Dried Vegetables.** Moisture, max. 8%. Optional: $SO_2$, max. 2,000 p.p.m. Labelling: swelling properties may be stated (declr. "contents to be boiled before consumption").

*NORWAY (cont.)*

## INVALID FOODS ETC.

Synthetic sweeteners allowed; declar. of addition and purpose. Declar. also of any sugar present. Products for diabetics require approval and special marking. Foods to which vitamins and minerals are added must not contain more than 3 times daily requirement, taken as: natural vit. A, 2,500 I.U.; natural carotene, 5,000 I.U.; vit. D, 400 I.U.; vit. $B_1$, 1.5 mg; vit. $B_2$, 1.7 mg; nicotinic acid and amide in the B complex, 15 mg; vit. C, 30 mg; calcium, 0.8 g; iron, 12 mg; iodine, 0.1 mg.

## MEAT PRODUCTS

**Meat Pastes** (and similar products). Optional: milk, farinaceous material (not soya). Starch, max. 3.5%; glucono-delta-lactone, max 0.6%.

**Prepared Meat Products.** Optional: acetic, lactic, citric acids; glucono-delta-lactone, max. 1% in cured sausages, max. 0.6% in boiled sausages and pastes; sugars; sod. glutamate; sod. caseinate and other animal or veg. protein, max. 2% (declar.); potass. and sod. polyphosphates for cooked hams and tongues only; thickeners: agar, alginates, water sol. cellulose ethers, gelatine, carrageenan, mono- and diglycerides of fatty acids, pectin, tragacanth, only to prods in jelly or sauces, max. 0.5%; smoke flavour with spec. permission only. **Cured Meat.** Nitrate max. 500 p.p.m. or nitrite max. 200 p.p.m. May not use nitrate and nitrite together. Meat rolls etc., nitrite max. 60 p.p.m. Declr. nitrate and nitrite by name. Cellulose ethers or alginates in combn. with potass. sorbate and benzoic acid or p-hydroxybenzoic acid esters for surface treatment.

**Antioxidants.** The following may be added to meat products in max. amts. shown, as per cent. of fat content: alkyl gallates, 0.01%; B.H.A., B.H.T., 0.02%; ascorbic acid (only in certain products); tocopherol.

## SPICES, CONDIMENTS, AND FLAVOURINGS

**Mustard.** Declar. of any addition of starch, flour, or colouring.

**Vanilla** (essence, extract, sugar, etc.). May contain synth. vanillin or other synth. substitute if not described as "genuine".

## VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** Acetic acid, min, 4% (5% if not of fruit origin), max. 12%. (Spirit vinegar, min. 35%). Grades of acetic acid strengths: "table", "household", etc., 50 to 55 g./litre; "pickling", etc., 70 to 75 g./litre; "strong" etc., 115 to 125 g./litre; "preserving", 95 to 105 g./litre (only to preserving factories, in packages of min. 10 litres). Distinctive designations for fermented and synth. products. Malt vinegar must be prepd. from min. 90% of "malt" material. Optional: sugar, salt, caramel colour, alkanna extr., traces of substances formed by catadynizing, $SO_2$ (max. 200 g./litre), ethereal oils and essences for adjustment of flavour (spirit vinegar only). If declar., aromatic extracts, fruit juices, or ethereal oils may be added to fermented (brewed) vinegar, and artif. flav. to spirit vinegar. Labelling: appropriate designation, strength to nearest whole number, name and address of manuf. or importer, and reqd. declarations. Imports to be marked as foreign. Special sizes of type.

**Pickles.** Optional: spice (declr.), vinegar, sugar, preservs. (as for jams), org. acid, and salts (as for jams), Pot. alum sulphate, max. 0.1%.

### COLOURING MATTERS

See Tables, pp. 800-806. Declaration of artif. colours required, see Labelling below.

### OTHER ADDITIVES

Detailed permitted list issued annually (similar but not identical to Swedish lists).

### LABELLING

Must state name and address of producer or importer; country of origin; net weight or volume (except cakes and biscuits in transparent packs); ingredients, date of production sometimes required; shelf life on perishable goods; declare preservatives, inc. nitrate and nitrite (except if less than 0.035% benzoic, 0.025% sorbic acids, 0.01% $SO_2$ or 0.02% *p*-hydroxybenzoates), saccharin, artific. colour (except on sugar and choc. confect., cakes, custard), declr. Tartrazine and Amaranth by name, artific. flavour in fruit and veg. prods., carbonated bevs. Type size min. 3 mm. English acceptable.

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## PORTUGAL

### BEVERAGES, NON-ALCOHOLIC

**Fruit Juice** (for immediate consumption). Preserv. (declar.): $SO_2$, max. 0.0125 g./100 ml.

**Fruit Juice** (for further processing except non-alcoholic drinks and syrups). Preserv. (declar.): benzoic acid, max. 0.15 g./100 ml., or equiv. sod. benzoate; $SO_2$, max. 0.125 g./100 ml.; or *p*-oxybenzoic esters or equiv. sod. salts, max. 0.09 g./100 ml.

### COCOA AND CHOCOLATE

**Cocoa Nib and Mass.** Shell and germ, max. 3%. Alkalisation: volatile or non-volatile alkalis, max. 4% (as $K_2CO_3$).

**Sweetened Cocoa Powder.** Declar. of added sugar.

**Chocolate.** Cocoa ingreds., min. 35%.

### FISH PRODUCTS

**Fish Pastes.** No preserv. or added colour.

**Fish Preserves, unsterilized.** Preserv. (declar.): benzoic acid, max. 0.5%; *p*-oxybenzoic esters, max. 0.05%; or a mixture of 0.05% of these esters with 0.025% of hexamethylene tetramine. No added colour except in shrimps Tartrazine, Amaranth, Carotene (declr.).

**Caviar.** Preserv. (declar.): hexamethylene tetramine, max. 0.1%. No added colour.

### FLOUR PRODUCTS

**Flour, Starches, and substances made from them.** No preserv. or added colour.

### FRUIT AND VEGETABLE PRODUCTS

**Canned Vegetables.** Preserv. (declar.) (green veg. only) benzoic acid, max. 0.2% (or equiv. sod. benzoate); or *p*-oxybenzoic esters, max. 0.08%. No added colour,

**Dried Fruit.** $SO_2$, max. 2000 p.p.m.

**Jams, Jellies.** Residual amounts $SO_2$ allowed. Colour permitted.

### CANNED MEAT PRODUCTS

Preservs. prohibited. Nitrate, max. 1% (as $KNO_3$), allowed. Traces of natural colouring permitted in tongues only (declar.).

*PORTUGAL (cont.)*

### SPICES

No preservs., except to table mustard ($SO_2$, max. 0.05%). No colouring.

### SUGAR AND SUGAR PRODUCTS

**Refined Sugar.** $SO_2$, max. 150 p.p.m. No added colour.

**Glucose Syrup.** $SO_2$, max. 10 p.p.m.

### VINEGAR PRODUCTS

**Pickled green vegetables.** Preserv. (declar.): benzoic acid, max. 1.25 g./100 ml. (or equiv. sod. benzoate). No colouring.

### ADDITIVES

List of permitted colours, see Tables, pp. 800-806, and permitted preserv. Use of all other additives, inc. antioxidants, only if permission obtained. Must give specification for additive and details of food in which it is to be used and levels of use. Address of authority: Inspeccao-Geral dos Produtos Agricolas e Industriais, Avenida de Berna, l-Lisbon 1, Portugal.

### SOLVENTS

Ethyl alcohol.

### ARTIFICIAL SWEETENERS

Prohbd. in foods.

### LABELLING

Declr.: name of food; its type or class; list of ingreds; net contents, drained wt.; name and address of producer, packer, importer, wholesaler or retailer; country of origin; where necessary: shelf life, storage instructions, directions for immediate consumption, irradiation; and any other information required by other regulations. Need not declr. list of ingreds. of nature of food widely known. Use specific names for ingreds. except may use following generic names: animal fats and oils, vegetable fat, herbs, spices, starches (except modified starches), anticaking agent, antioxidant, bleaching agent, colours, emulsifiers, flavours, maturing agents, preservatives, stabilizers, thickening agents (including modified starches), vegetable gums. Declr. water if is informative to consumer (no declr. in brine, syrup, broth or sauce in compd. food). On dried foods to which water has to be added may list ingreds as reconstituted if declr. have done so. Declr. "eat by" date, subject to storage instructions, on perishable foods. All obligatory declr. in Portugese (may have other langs. also).

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## SPAIN

### BEVERAGES, NON-ALCOHOLIC

**Fruit juices.** Natural juice only, with or without pulp. Permitted preservs., acids, colouring matters.

**Fruit Syrups (Natural).** Fruit juice, min. 30%. Optional: Permitted organic acids and colours.

**Artificially-flavoured Syrups.** Optional: as for fruit syrups; synth. flavours must also be authorized.

**Concentrated Orangeade, etc. Bases.** Min. 80% by vol. of corresponding fruit juice. Foaming agents prohibited.

### CHOCOLATE AND SUGAR CONFECTIONERY

**Chocolate.** Cocoa constituents, min. 35%. Dry defatted cocoa, min. 14%; cocoa butter, min. 18%. Chocolate "fino", cocoa butter, 26–32%. Chocolate "fundente", cocoa butter, min. 32%.

**Milk chocolate.** Dry defatted cocoa, min. 4%, total cocoa constituents, 22%; skim milk solids, 10.5%; total fat, 20%.

**Chocolate with dried fruit and cereal.** As for chocolate. Fruit and cereal, 8–40%.

**Chocolate with fruit.** As for chocolate. Fruit, 5–40%.

**Couverture.** Cocoa butter, min. 31%; cocoa constituents, 35%.

**Milk couverture.** As for milk chocolate but min. 31% total fat. Optional: flavours, lecithin, max. 0.3%; sucrose replaced by other sugars, max. 5% without decl.

Regulations for variety of other chocolate specialities and confectionery.

### DIETETIC FOODS

Nat. colours, flavours, artif. sweeteners. Labelling regulations in force.

### FLOUR PRODUCTS

**Alimentary Pastes.** Colouring matters prohibd.

### FRUIT AND VEGETABLE PRODUCTS

**Jams.** "Compota"—max. 15% sugar. "Confetura"—min. 50% sugar. "Mermelada"—45–65% sugar. Optional: Max. 0.5% lactic or tartaric acids. Artif. colours prohbd.

### MEAT PRODUCTS

**Preserved Meats.** No preservs. allowed except the use of potass. nitrate (max. 5%) in pickling salt. Detailed labelling statements requd. in Spanish.

### TABLE SALT

May contain Na, Ca phosphate, Mg, Ca silicate, and substances on permitted list.

### VINEGAR

Total acid calc. as anhydr. acetic acid, min. 5%, alcohol, max. 1%.

### COLOURING MATTERS

Synthetic organic colours as in Tables, pp. 800-805, allowed in certain products such as confectionery.

### FOOD ADDITIVES

A positive list of permitted food additives is currently being drawn up and manufs. of food additives are being asked to justify the use of all food additives. All food manufs. must apply for permission to use all additives to: Direccion Consul de Sanidad, Plaza de Spana 17, Madrid.

## SWEDEN

### NEW FOOD LAW

Eventually all regulations to be renewed, to date new regulations cover labelling, packaging, storage and transport, especially of perishable foods. No sale of imitation meat, milk or butter (other than margarine) nor any nutritional fortification without permit. All food must be imported by registered importer resident in Sweden.

### BEVERAGES, NON-ALCOHOLIC

**Pure Fruit Juice.** Obtained from fruit by pressing without addition of water. Optional: citric acid; dimethyl polysiloxane only to pineapply juice, max. 10 mg./l.; salt; sugars, max. 50 g./l.; preservs (declr.) see under "Preservatives".

*SWEDEN (cont.)*

**Fruit Juice (Drinks).** Juice, min. 9% (citrus, min. 6%). Optional: ascorbic acid; BHA and BHT only in citrus prods, max. 5 mg./l. finished prod.; citric acid and sod., potass. and calc. salts; tragacanth, guar gum, carob gum, gum arabic, CMC and sod. salt, carrageenan, pectin; pectinase; saccharin (declr.), max. 50 mg./l. (blackcurrants, max. 0.1 g./l.) in finished prod.; sugars; sorbitol; preservs (declr.): benzoic acid and sod. salt, max. 0.05%; sorbic acid and sod. and potass. salts, max. 0.05%; $SO_2$, in citrus only, max. 0.03%. Declr. % total added sugars if exceeds 1.5%. State degree of diln. on conc. prods. Labelling otherwise as for jam.

**Fruit Nectar.** Fruit juice, min. 35% (apple or pear, min. 45%). State degree of diln. on conc. prods. Labelling otherwise as for jam.

**Carbonated Beverages.** Permissible additions: citric and malic acids; dimethylpolysiloxane, max. 0.00002%; orthophosphoric acid, max. 0.06%; quinine and salts, max. 0.01% (declar.); caffeine, max. 0.015%; sod. polyphosphate, max. 0.01%; glyceryl abietate, max. 0.01%; permitted colours; CMC and sod. salt; polyoxyethylene sorbitan monoleate and/or sorbitan monostearate, max. 0.002%; sucrose octa-acetate, max. 0.003%; sucrose acetate hexaisobutyrate, max. 0.05%; saccharin and sod. and calc. salt 0.005% (declar.); sorbitol, max. 1.5%; permitted preserv. see under "Preservatives" (no declar.). Labelling: no illustrations of fruit if does not meet standard for fruit juice drinks unless state "with fruit flavour" or similar expression. May use name of fruit and words "soda" or "tonic". May use name of fruit together with words "soft drink" or "carbonated beverage" if drink made from named fruit in such quantity that flavour derived mainly from this fruit.

**Other Beverages.** Permissible additions: glyceryl abietate, max. 0.01%; quinine only to beverage concentrates, max. 0.01% in ready-to-drink product (declar.); polyoxyethylene sorbitan monoleate and trioleate and/or sorbitan monostearate, max. 0.002%; sucrose acetate hexaisobutyrate, max. 0.05%; saccharin and sod. and calc. salts, max. 0.005%; substances on general list of additives.

## COCOA AND CHOCOLATE

No standards for cocoa and chocolate. Optional: non-cocoa fat; ammonium chloride, max. 7%; sod. and calc. hydroxide to cocoa for pH adjustment; polyglycerol fatty acid esters, max. 0.5%; sorbitan tristearate in choc. couverture only, max. 2% sod. silico aluminate and/or silica gel to sweetened cocoa powder only, max. 1.5%; substances on the general list of additives, see p. 747.

## COFFEE AND COFFEE POWDER

**Coffee.** Coffee parts other than beans, max. 7%; other constits. max. 3%.

**Instant Coffee.** Moisture, max. 5%.

**Decaffeinated Coffee.** Caffeine, max. 50 mg./100 g. Declr. "low in caffeine".

## CONFECTIONERY, SUGAR

Optional: ammonium chloride, max. 7%; calc. hydroxide; potash. alum, max. 0.1%, sod. polyphosphates, max. 0.1% to marshmallows; polyglycerol fatty acid esters, max. 0.5% to cream fillings only; substances on the general list of additives. Gold, silver and alumin. for decorations. Paraffin and paraffin wax for dragees, max. 0.5%.

## EGG PREPARATIONS

**Dried Egg.** Solids, min. 96%; fat, min. 42%. Optional: carotene and carotenoids, max. 0.02%.

**Dried Egg Yolk.** Solids, min. 96%; fat, min. 60%. Optional: carotene and carotenoids, max. 0.02%.

**Dried Egg Albumen.** Solids, min. 92% (spray dried), 85% (oven dried). Optional (declr.): sod. lauryl sulphate, max. 0.1%; triethyl citrate, max. 0.25%.

**Liquid Egg.** Solids, min. 25%; fat, min. 11%.

**Liquid Egg Albumen.** Solids, min. 11%. Optional: triethyl citrate, max. 0.03% (declr.)

**Liquid Egg Yolk.** Solids, min. 43%; fat, min. 28%. Optional: sodium chloride; sod. benzoate, max. 1%.

## FATS AND OILS

**Margarine.** Fat, min. 80%. Optional: flavourings; sorbic acid and sod. and potass. salts, max. 0.2%; benzoic acid and sod. salt, max. 0.2%; BHA, max. 0.01% of fat; propyl, octyl and dodecyl gallates, max. 0.01% of fat; tocopherol, max. 0.02% of fat; citric, lactic acids; curcumin, carotene and carotenoids; glycerides of fatty acids; citric and fatty acid esters of glycerol, max. 0.6%; sod. chloride; lecithin; sod. bicarb.; sod. hydroxide for pH adjustment; starch syrup; in bakery margarine only diacetyl tartaric acid esters of mono- and diglycerides, max. 0.06%.

## FISH PRODUCTS

**Canned Fish (Sterilized).** Optional: agar, max. 0.1%; acetic, citric acid; permitted yellow, orange, red, white colour (declar.); sod. glutamate, max. 0.2%; salt; sucrose; spices and spice oleresins. For cod's roes only, carrageenan, max. 0.5% mono; and diglycerides of fatty acids from natural fats, max. 0.5%; potass. chloride, max. 0.1%.

**Canned Fish (Unsterilized).** Optional: benzoic acid, max. 0.2% (max. 0.25% together with max. 0.1% sorbic acid or max. 0.025% hexamethylenetetramine for shellfish); *p*-hydroxybenzoic esters (or equiv. sod. salts), max. 0.05%; sorbic acid, max. 0.2% (or equiv. sod. or potass. salts); hexamethylenetetramine, max. 0.05%; sod. or potass. nitrate (declr.) max. 0.05% only to marinated sprats, herrings and roe; citric acid; lactic acid; orthophosphoric acid and its sod. and calc. salt, max. 0.1%; sod. glutamate, max. 0.2%; permitted colour yellow, orange, red, white (declar.), alginate; Black 7984 for colouring fish roe, max. 0.03% (declar.), sandalwood only to marinated sprats and herrings, max. 0.2% (declar.); salt; sucrose; sod. formate, max. 0.05%; acetic acid; spices and spice oleoresins; boric acid, max. 0.04% to sturgeon roe only.

## FLOUR AND FLOUR PRODUCTS

**Flour** (wheat, rye, barley, oats, rice, maize, buckwheat). No added colour, oil or fat, glucose or similar.

*SWEDEN* (*cont.*)

Poisonous plant parts, max. 0.1%. Foreign plant parts, max. 0.5%. Optional: L-ascorbic acid; flour of other kind than that named, max. 5%; potass. bromate, max. 0.005%; magnes. oxide, carbonate, max. 0.005%; citric and lactic acid; α-amylase concentrate.

### FRUIT AND VEGETABLE PRODUCTS

**Canned Fruits.** Optional: All heat treated fruit products may contain substances in the general list of additives: calcium chloride, max. 0.1%.

**Canned Vegetables.** Optional: All heat treated vegetable products may contain substances in the general list of additives, permitted colour, calcium chloride, max. 0.1%; iron lactate to mushrooms; ferrous gluconate, max. 0.0006% to olives; potash alum, max. 0.1% in cucumbers.

**Dried Fruit and Vegetables.** $SO_2$ (declr.): potatoes and root veg., max. 0.04%; apricots, peaches, pears, max. 0.2%; apples, max. 0.15%; other fruit and veg., max. 0.1%.

**Jams.** Fruit content, min. 30%. Optional: pectin (no declar.); permitted colour (no declar.); calc. chloride, max. 0.1%; permitted preserv. see under "Preservatives"; and substances in the general list of additives. Labelling: if several fruits used declr. % of each fruit present and state name of predominant fruit in name of prod. if total of all other fruits max. 15% of total fruit used. If fruit present in less than 15% of total fruit may not mention it.

**Marmalade** (incl. Jelly Marmalade). Citrus fruit content, min. 25%. Otherwise as for Jam.

### INFANT FOODS

Declar. of all raw materials and additions. If quantities not given, list to be in order of amts. by wt.

### INVALID FOODS

Claims that any product contains vitamins, minerals or other nutritive substances not contributing substantially to caloric supply must be accompanied by statement of kind and amt. of such substances in the food (but statement of amt. not reqd. for milk, butter, eggs, fruit and vegetables, unprepared meat or fish products, deep-frozen meat or fish).

### MEAT PRODUCTS

**Meat Products generally.** Mixed meat prod., min. 20% meat (corresponding to 3% meat protein) in finished prod. Meat balls, min. 60% meat. Hamburgers, min. 80% meat. Sausages, only meat, pig fat and max. 3% (dry weight), potato flour, milk, milk powder, caseinate, blood products or vegetable protein, calculated on finished prod.; moisture, max. 65%; fat, max. 23% (max. 18% on prods called "low fat"). Black pudding, fat, max. 20%. Liver pate, min. 30% liver, max. 30% fat. Optional: plant or animal prods, flavourings, vinegar, ethyl alcohol, salt; propyl, octyl, dodecyl gallates, max. 0.01% of the fat; smoke condensate (declr.) with special permission only; $NaNO_3$ $KNO_3$ max. 0.05%; $NaNO_2$, max. 0.02% only as 0.6% of NaCl used; BHA, max. 0.01% of the fat; citric acid, sod., potass. or calcium citrate; L-ascorbic acid, max. 0.02% and Na salt; gelatine; sod. glutamate, max. 0.2%; acetylated potato starch (max. 1.5% acetyl groups) only for sausages. Sorbitol, glycerin, lactic acid, for treatment of sausage skins. Agar to canned tongues and canned jellied veal, max. 0.3%. Glucono-delta lactone, max. 0.8%. No colouring matters. Sod. caseinate max. 3% to poultry rolls. Labelling: declr. average % fat if exceeds 23%. Word "ham" may be used only if prod. consists only of ham.

## MILK PRODUCTS

**Dried Milk.** Full-milk: fat min. 24% of dry matter. If less, to be sold as skim milk pdr. Moisture, max. 5% and declar. of fat content (if above 1.5% fat). Optional: alkyl gallates, max. 0.05% of the fat; butylated hydroxyanisole, max. 0.01% of fat; butylated hydroxytoluene, max. 0.01% of fat; sod. citrate and/or orthophosphate, max. 0.3%.

## TABLE SALT

Optional: Ca.silicate, max. 1%, potass. ferrocyanide, max. 0.005%; calc. and magnes. carbonate, max. 1%.

## VINEGAR

Spirit vinegar, solely by acetic fermentation of alcohol-containing liquid, acetic acid, min. 11, max. 13% (min. 9% for industrial use). Dilute acetic acid, max. 15% acetic acid (must be called dilute acetic acid); if more than 15% must be called concentrated acetic acid and must carry warning. Wine vinegar, min. 6, max. 10% acetic acid.

## CONTAMINATION

Aflatoxin, max. 0.005 p.p.m. Lead in all foods, max. 3 p.p.m. Vinyl chloride in all foods, max. 0.05 p.p.m. Nitrate, max. 20 p.p.m. in milk powder, 200 p.p.m. in whey powder; nitrite, max. 5 p.p.m. in milk powder and whey powder. Food not to be sold in direct contact with paper, etc., coloured, printed, etc., with poisonous colours. Foil wrappings: pure alumin. or tin only, with max. 1% lead.

## ADDITIVE SUBSTANCES (GENERAL)

The only additives permitted are those on an official list (revised annually). For foods shown above with optional ingreds., only such additives as there mentioned are allowed. Additives for use generally: acetylated monoglycerides; agar; alginic acid and its sod. and calc. salts and propylene glycol ester, max. 1%; ammonium orthophosphate, mono and di; cellulose ethers (ethylhydroxyethyl cellulose, hydroxyethyl cellulose, hydroxypropylmethyl cellulose, CMC and sod. salt, methyl cellulose, methylethyl cellulose); citric, lactic acids and their calc., sod. and potass. salts; malic acid; fumaric acid, max, 0.3% (1.6% max. in dessert powders); glutamic acid and sod. salt, max. 0.2%; glycerides of natural fat-forming fatty acids; calc. acetate, max. 1%; calc. gluconate, carbonate, orthophosphate; potass. carbonate; potass. chloride only with carrageenan, max. 0.5%; carrageenan; casein and sod. salt; lecithin; solvents (ethyl alcohol, ethyl acetate, glycerol, glyceryl mono, di and triacetate, isopropyl alcohol, propylene glycol); mannitol, max. 1%; sod. acetate, carb. and bicarb.; sod. 5'-guanylate; sod. 5'-inosinate; sod. orthophosphate; sod. proteinate from defatted soy flour; sod. pyrophosphates; pectin; saccharin, max. 0.04%; sorbitol; stearic acid and sod., potass., calc.

*SWEDEN (cont.)*

and magnes. salts; modified starch (spec. permission); protein hydrolysate; tartaric acid and sod., calc. and potass. salts, max. 0.5%; gum arabic; tragacanth; enzymes. Additives with restricted use: sweetening tablets: adipic acid; coffee whitener: diacetyl tartaric acid ester of mono and diglycerides, max. 0.2%, silico aluminate, max. 0.2%, sod. polyphosphate, max. 0.3%, polyoxyethylene sorbitan monostearate and/or sorbitan monostearate, max. 0.2%; mayonnaise and salad dressing: glyceryl fatty acid-citric acid esters, max. 1%; mashed potato powder: calc. stearoyl-2-lactylate, max. 0.5%, soup powder: silica gel, max. 2%; sod. silico aluminate, max. 1.7% (to broth powder), sod. polyphosphate, max. 1%; drinking choc. powder: silica gel, max. 1.5%, sod. silico aluminate, max. 1.5%, fruit salts: silica gel, max. 0.5%; ice cream and heat stable salad dressing: microcrystalline cellulose; "topping": sod. silico aluminate, max. 0.03%, propyleneglycol monostearate, max. 3.5%; blanc mange powder: calc. acetate, max. 2%; liquid fat emulsions: pot. orthophosphates, max. 0.1%.

## FLAVOURING ADDITIONS

Flavourings may be added to foods other than products from milk, lard and tallow, fresh meat, fish, eggs, flour, grain and flakes of cereals, pasta, fruit juice, fruit juice drinks, nectar, sugar, honey, coffee, tea, salt, vinegar.

**Flavour enhancers.** See general list above.

**Solvents.** See general list above.

## COLOURING MATTERS

Approved colours (see Tables, pp. 800-806) allowed in foods other than products from milk, egg (egg powder, max. 0.02% carotene and carotenoids only), flour, meat, or fish (but permitted in hermetically sealed fish (declar.); carotene, carotenoids in butter; carotene, carotenoids, lactoflavin, Tartrazine in pasta. Declar. Tartrazine by name. List of foods which may not contain colour to be extended from July 1975.

## PRESERVATIVES

The following allowed except in products from meat, fish, milk, egg, sugar, honey, salt, vinegar or flour unless stated in sections on those products: benzoic acid and sod. salt, max. 0.2% (must and nectar, juice, jam, carbonated beverages and other fruit products, max. 0.1%); $SO_2$, max. 0.02% (peeled raw potatoes, max. 0.02%; horseradish, max. 0.04%; juice, must and nectar, max. 0.03%; jam, max. 0.02%; carbonated beverages, max. 0.005%; *p*-hydroxybenzoic acid esters (or equiv. sod. and potass. salts), max. 0.1%; propionic acid and its sod., potass. and calcium salts, max. 0.2%; sorbic acid and its sod. and potass. salts, max. 0.2% (carbonated beverages, 0.1%).

## ANTIOXIDANTS

The following allowed except in products from meat, fish, milk, egg or flour unless stated in sections on those products (limits calc. on fat content); propyl, octyl and dodecyl gallates, max. 0.01%; BHA and/or BHT, max. 0.01% (citrus drinks, max. 0.0005%; "topping", max. 0.02%; dried yeast, max. 0.1%; potato powder, max. 0.0025%); thiodipropionic acid, max. 0.02%;

dilaurylthiodipropionate, max. 0.02%; ascorbic acid; ascorbyl palmitate, max. 0.2%; tocopherol, max. 0.02%.

## BAKING AIDS

The following may be used in baking and bakery products: ammonium chloride only for doughs, max. 0.05% of the flour; diacetyl tartaric acid esters of mono- and diglycerides, max. 0.6% of the flour; glucono - delta - lactone; glycerol fatty acid esters of citric acid, for baking aids, max. 3% of the fat, for bread and other bakery products, max. 0.6% of the flour, for cake mix, max. 2% of the flour; potass. bromate, max. 0.04% of the milk powder content; potass. oleate, max. 0.1%; myristic acid and its sod. and potass. salts, max. 1%; sod. silico aluminate for powdered baking emulsifiers, max. 1%; calc. stearoyl-2-lactylate, max. 0.5% of the flour to bread and other bakery products; sod. stearyl fumarate, max. 0.5% of the flour to bread and other bakery products; polyglycerol fatty acid esters only to sponge cake layers, max. 2.5% and biscuits, max. 0.5%; propylene glycol monoester, max. 1%; sod. and potass. palmitate, max. 1%; propylene glycol monostearate, max. 1%; glycerides of fatty acids polymerized and polymerized and oxidized, max. 3% of fat content; sod. alumin. phos. in baking powder; lactic and palmitic glycerol esters, max. 10% in shortening only; lactic and stearic glycerol esters, max. 10% in peanut oil and shortening only.

## LABELLING

Under the new Food Law, 1971 the following required on prepackaged food: name of food (fanciful or trade name may be used also); main ingreds. in descending order by weight; need not declr. water unless required to by special regulations; declr. average g. per 100 g. prod. when sold of meat, fish, vegetable protein, potato, and total of all other vegetables contained in prod.; declr. species of animal on meat and fish prods; declr. average % of meat or fish and meat or fish byprods separately; may declr. additives under group name (except for certain additives which must be declr. by name such as saccharin, quinine, Tartrazine, $SO_2$, saltpetre, nitrite, smoke extract): antioxidant, bleaching agent, emulsifier, colouring matter, thickener, anticoagulant, preservative, ripening agent, flavouring, stabiliser, vegetable gum, spices, whipping aids. Other additives to be declr. by name. Declr. net wt. or net vol. (average) and average drained wt. on food in gravy, jelly, sauces, etc.; declr. no. of pieces or lowest and highest nos. on fish, fish fillets, whole or halved fruit. Storage instructions if method important to shelf life. Date of packing on prepacked food with shelf life max. 30 days. Detailed requirements for frozen and chilled food. On foods other than alcoholic drinks declr. alcohol content if more than 1.8%.

A government-sponsored scheme for voluntary quality-declaration, "VDN", with check sampling, is in operation. This requires label declaration in standard form which may cover details of raw materials and preparation, nutritional values, net wt., recommended methods of storage and use. Classes of foods so far covered are: conserves of soup, infants' foods, fruits and vegetables, asparagus, mushrooms; jams, fruit juices and similar;

*SWEDEN* (*cont*).

dessert powders; fish balls, frozen fish; fruit and veg. products; cake powders; spices; potato powders; mayonnaise and similar; almond paste; marzipan paste; wheat flour; coffee; oats; breakfast cereals; bakery emulsions; soup cubes. Particulars from VDN, Taptogatan No. 6, S–115 28 Stockholm.

# SWITZERLAND

## BEVERAGES, NON-ALCOHOLIC

**Fruit Juices.** Expressed only, from fresh or fermented fruit. Optional: colouring with other fruit juice, max. 10% (except for grape, apple, pear); caramel colour (to apple, pear, to replace colour lost in clarifying). Preservs. (except to grape, apple, pear): alcohol, sod. benzoate (max. 0.1%), formic acid, (max. 0.3%), $SO_2$ (max 500 p.p.m.); preserv. for grape, apple, pear, $SO_2$ only (max. 80 p.p.m.).

**Concentrated Fruit Juice.** Preserv. to give on dilution not more than max. permitted in fruit juice.

**Fruit Syrups.** Fruit juice or concd. fruit juice and sugar. Alcohol, max. 7 ml./kg. when brought to normal dilution. Optional: (citrus syrups), flavouring particles of peel, artif. colour; (orange syrup), minimal amts. citric acid; preserv., sod. benzoate (or equiv. benzoic acid), max. 400 p.p.m., formic acid, max. 1000 p.p.m., or $SO_2$, max. 200 p.p.m.

**Fruit-flavoured Syrups.** Optional: natural fruit essences, fruit juices, harmless organic acids, sugar, invert sugar, glucose, artif. colour. Alcohol, max. 20 ml./kg. No preserv. except $SO_2$ in glucose used. Labelling: name to distinguish from fruit syrup; no pictures of fruits, etc.

**Lemonade Powders, etc.** Optional: as for fruit-flavoured syrups; also artif. sweetener. Labelling: names of ingreds. (separate declar. of artif. sweetener, in proximity to name of article); no use of word "sucrée" unless drink when prepd. as directed has min. 20 g. sugar per litre; no pictures of fruits, etc.

## COCOA, CHOCOLATE, AND SUGAR CONFECTIONERY

**Cocoa Nib, Paste.** Cocoa butter, min. 50%; shell, max. 4% on fat-free dry matter.

**Cocoa Powder.** Cocoa butter, min. 20%. Water, max. 8%. (Strongly defatted) Cocoa butter, 8–20%.

**Alkalized Cocoa.** Added alkali, max. 5% (as $K_2CO_3$); total ash, max. 14%.

**Sweetened Cocoa.** Cocoa powder with sugar, max. 68%; water, max. 5%. Sugars other than sucrose if more than 20% (decl.).

**Chocolate, Chocolate Powder.** Total cocoa constituents, min. 35%; fat-free dry cocoa, min. 14%; cocoa butter, min. 18%. Optional: lecithin, max. 0.3%; polyglycerol polyricinoleate, max. 0.5%, only with permission; added fruits, natural fruit essences, cereals butter, honey, etc. (each max. 5%, total max. 40%). Butter-fat in "butter choc.", min. 10%; coffee in "coffee choc.", min. 1.5% (as ground roast coffee, or corresp. extract).

**Milk Chocolate.** Total cocoa constituents, min. 25%; dry defatted cocoa, min. 2.5%; milk constituents, min. 14%; milk fat, min. 3.5%; dry defatted milk solids, 10.5%; total fat, min. 25%; sugar, max. 55%.

**Cream Chocolate.** As "milk chocolate" but milk fat, min. 7%; fat-free dry milk solids, 3–14%.

**Double-cream Fondant Chocolate,** As "cream chocolate" but milk fat, min. 10%.

**White chocolate.** Min 20% cocoa butter; min. 14% milk constituents; min 3.5% milk fat; min. 10.5% fat-free dry milk solids; max. 55% sugar. Labelling:"chocolat" must be same size and next to "Blanc".

**Couverture.** As for chocolate but min. 31% fat.

**Chocolate Fourrées, etc.** Couverture, min. 40%. Labelling: "choc. fourrée" with kind of centre.

**Chocolate Bon-bons, Bouchées etc.** Couverture min. 20% if described by these names.

**Dietetic Chocolate.** Must conform to requirements for dietetic foods.

**Water Icings (Coatings).** Cocoa or choc. with sucrose and water. Only on frosted creams, confectionery and pastry for immediate consumption.

**Fatty Icings (Coatings).** Cocoa or choc., sucrose and foreign fat. Only for filling chocolates, biscuits or chocolate confectionery goods. Labelling: clear declar. of name, with no use of word "chocolate" or "couverture." Not to be sold in form similar to that used for couverture.

**Labelling etc. of Chocolate Products (General).** Name of manuf., name of article, net wt. Tablets and blocks over 50 g. whether separate pieces or joined, only in sizes of 50, 100, 125, 150, 200, 250 and 300 g. or more.

**Sugar Confectionery.** Optional: natural or synth. essences, artif. colour, harmless organic acids. No artif. butter or honey flav. or artif. sweeteners. Preserv. in truffle paste, fruit paste and similar pastes containing fat: benzoic acid (max. 0.1%), formic acid (max. 0.25%), $SO_2$ (max. 500 p.p.m.); none in other confect. except $SO_2$ in glucose used. Milk bon-bons: milk fat, min. 2.5%; cream bon-bons: milk fat, min. 4%; malt bon-bons: malt extract, min. 5%, or malt powder. min. 4%. Marzipan: sugar, max, 68%; water, max. 12.5%. Optional: invertase. (Sugar may be replaced by invert sugar or glucose, max. 10% of final product.)

Truffle paste: only additions milk, cocoa, nuts. Nut cream, almond cream: min. 50% of ingred. indicated. Confect. with name of a fruit: natural essences or min. 5% of fruit or corresp. amt. of juice or concentrate. If artif. flavoured, no pictures, etc., of fruit in labelling or description (but see under "Essences").

**Liqueur Confectionery.** Alcohol, max. 6% (wt.) as absol. alc. Labelling to indicate alcoholic nature and warning statement that they are not to be given to children (except when due to alc. essences when alc. in product is max. 0.6%; or to isolated pieces of an assortment weighing less than 15 g.).

## COFFEE PRODUCTS

**Decaffeinated Coffee.** Moisture, max. 8%; caffeine, max. 0.1%; water extract, min. 20%.

**Coffee Extract.** Optional: food substances or constits., max. 50% of dry matter if added to conserve aroma, and flavour or colour of infusion not appreciably affected (nature and amt. declar.). Labelling: declar. of no. of cups (min. 1.5 g. pure extract per cup) obtainable from contents.

*SWITZERLAND (cont.)*

**Coffee Extract Mixtures.** (Milk powder, sugar, etc.). Labelling: declar. of ingreds., % coffee extract.

**Caffeine-free Extract and Mixtures.** Caffeine, max. 0.4%, on the pure coffee extract.

## FISH PRODUCTS

**Fish Pastes.** Farinaceous matter, max. 5% (as dry starch). Anchovy paste: optional, iron oxide, max. 2.5%.

## FLOUR AND FLOUR PRODUCTS

**Flour.** Moisture, max. 16%. No bleaching, treatment with nitrous gas, oxygenated halogens, persulphate or similar substances, chlorine, etc.

**Alimentary Pastes.** Wheat products only, but leguminous flour or soya if declar. Moisture, max. 13%; acidity, max. 10 ml. N/1 alkali/100 g. No treatment with alkali or addition of veg. lecithin. *Egg Products:* min. 150 g. fresh or frozen whole egg, or 40 g. dried egg, per kg. semolina; optional, added fat (declar.), salt, max. 2%. *Milk Products:* min. 20 g. dry whole milk solids per kg. semolina.

**Pudding Powders, Dessert Cream Powders, Pastes, etc.** Optional: gelatine, agar, pectin, gum tragacanth, alginates, methyl- or carboxymethyl-cellulose, or similar, max. 25% (if over 25%, must be called thickening or base for prepn. of pudding or cream); artif. sweetener (declar.). If egg suggested, min. 15% fresh egg or equiv.; if milk, min. 10% whole milk powder; if fruit or fruit constits. min. 15% of product. If named after fruit or other food (*e.g.*, chocolate), must contain elements of such food, with no artif. colour or flavour; other products, if artif. coloured, not to have pictures, etc., of fruit used with them.

## FRUIT AND VEGETABLE PRODUCTS

**Canned or Bottled Fruits.** Optional: citric, tartaric, malic or lactic acids, alcohol, spices, salt, sugar (totally or partially replaced by glucose), permitted colour.

**Canned Vegetables.** Optional: vinegar, spices, salt, sugar. Chopped spinach may be greened with harmless colour or with copper (max. 100 p.p.m. of drained product; declar. "reverdi").

**Jams, Jellies.** Optional: glucose (jams only), pectin, apple extract, artif. colour; sod. benzoate (max. 1000 p.p.m.) or equiv. benzoic acid, formic acid (max. 100 p.p.m.), $SO_2$ (max. 50 p.p.m.).

**Fruit Spreads, etc.** Dry matter, min. 50% (if fruit base), min. 65% (if nut base, or similar products containing fats). "Nut cream," "almond cream," min. 50% nuts or almonds in dry matter. Optional: dried fruits, fruit concentrates, nuts; harmless jellying substances and thickeners; permitted colour; flav. substances; harmless fruit acids. Preserv.: benzoic acid or esters of *p*-oxybenzoic acid, max. 1000 p.p.m. (or equiv. sod. salts); formic acid, max. 2500 p.p.m.; $SO_2$, max. 500 p.p.m.; or mixtures, with max. for each proportionally reduced. Labelling: basic materials must be indicated in the designation.

**Dried Fruits and Vegetables.** Fruits, $SO_2$, max. 2000 p.p.m. or sorbic acid (max.) 1000 p.p.m.; vegetables only common salt.

**Vegetable Soups.** Prepd. from yeast extract and other veg. extracts, condiments, spices, salt, vegetables, veg. fats. Salt, max. 65%; total nitrogen, min. 2.0%.

**Yeast Extract.** Water, max. 25%, salt, max. 15%; total nitrogen; min. 4.5%. Labelling: no use of word "bouillon."

## GELATINE PRODUCTS

**Table Jellies.** Optional: sugar, salt, spices, harmless organic acids, permitted colour.

**Table Desserts.** See under pudding powders, etc.

## INFANT AND DIETETIC FOODS

If content of egg, milk, cream, malt or malt extract, solubilized starch, etc., claimed, amts. of respective constits. must be min. 5%. Artif. colours and preservatives prohbd. Labelling (compound products): nature of raw materials (on label and in instructions for use). Foods for diabetics: carbohydr. content appreciably less than in similar ordinary products; declar. of % water, fat, carbohydr., protein; declar. of any artif. sweeteners or other sugar substitutes. Foods claimed as salt-free, max. 0.02% salt; as low in salt, max. 0.1% salt. Daily intake, max. 0.05% and 0.5% respectively. Special restrictions on claims for dietetic products. Permitted artif. sweeteners are saccharin and its salts, and sod. cyclamate. Special regs. for products for which claims of vitamin content made, or having a designation incorporating or suggesting the word "vitamin".

## MEAT PRODUCTS

**Cured Meats.** Sod. nitrite, max. 200 p.p.m. In Frankfurter-type sausages and cooked ham only, sod. and calc. polyphos., max. 0.3%.

**Meat Pastes.** Farinaceous matter, max. 5% (as dry starch).

**Meat Extract.** Water, max. 20%; salt max. 7.5%; ash, max. 25%; creatinin, min. 5%.

**Soup Cubes, Concentrated Soups.** When made up according to method of use, min. 70 mg/l creatinine from meat extract, min. 175 mg/l amino nitrogen. Salt, max. 12 g/l. Optional: bone extract, vegetable fats, condiments, glutamate, yeast extract, vegetables and extracts, sugar, spices; starch, max. 5%. Soups with name of specific meat must have conforming creatinine content, but chicken soup may have flesh or chicken meat extract, min. 15% if aroma and flavour distinctly produced.

## SPICES, CONDIMENTS

**Table Mustard.** Mustard powder with vinegar, wine or water. Optional: salt, sugar, flav., starch or rice flour (max. 10% of dry matter), permitted colour. Preserv.: $SO_2$, max. 500 p.p.m., or benzoic acid, max. 1,000 p.p.m. All other mustard preps. must be named in accordance with their compn.

**Table Salt.** Moisture, max. 0.5%; NaCl, min. 95% of dry matter. Not more than traces of insol. impurities.

## ESSENCES AND FLAVOURS

**Natural Flavouring Essences.** Optional: reinforcement with max. 5% harmless artif. essences. Glyceryl acetate and coumarin prohbd. Glycerol, ethanol, propylene glycol and isopropyl alcohol as solvents.

*SWITZERLAND (cont.)*

## SUGARS AND SUGAR PRODUCTS

**Glucose Syrup.** Optional: $SO_2$, max. 40 p.p.m. (if for direct consumption), or higher (if for manuf. purposes; declar. of amt.).

## VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** Acetic acid, min. 4.5%, max. 14%; total $SO_2$, max. 400 mg./litre; free $SO_2$, max. 100 mg./litre; sulphates, max. 2 g./litre (as $K(_2SO_4)$; Fe, max 30, Cu, max. 10, Zn, max. 10, As, Pb, max. 1 (all mg./litre). Optional: natural colour, plant flav. extracts, spices. Various types, incl. malt vinegar. Acetic acid (80%) dil. to max. 14% acetic acid may be sold as "vinaigre d'essence" or "vinaigre d'essence comestible". Labelling: fully descriptive.

**Sauces, Salad Creams.** Acetic acid (added as vinegar), min. 2%, or tartaric, citric or lactic acid, min. 2%. Mayonnaise: oil, min. 75%; if called salad mayonnaise, min. 60%; no preserv. except $SO_2$ from mustard and egg used. Optional: thickeners such as pectin, agar, gum trag., etc.; permitted colours; $SO_2$, max. 80 mg./litre. No gelatine, starch, flour, soya, dextrin, or similar substances. If egg claimed, min. 2 egg yolks/litre. If oil or fat claimed, min. 5% oil or fat (declar. of %, and container inscribed with amt. oil or fat therein). Labelling: if no oil or fat, this to be declar.; date to which good keeping guaranteed must be declar.

**Pickles.** Preserv.: sod. benzoate, max. 1.5 g./litre (declar.).

## VITAMIN ENRICHMENTS

Special regulations apply. No enrichment allowed which would increase daily average intake above normal requirements.

## PRESERVATIVES

Benzoic acid, where permitted, may be replaced by the same amt. of sorbic acid or the methyl, ethyl or propyl esters of *p*-hydroxybenzoic acid, or by equiv. amts. of sod. benzoate or potass. sorbate. If more than one preserv. is used, the amt. of each must be reduced proportionately.

## ANTIOXIDANTS

In suet, lard, chicken fat, biscuit and confect. fats, soup prepns.: natural substances such as tocopherols, ascorbic acid, lecithin, etc., if normal amt. in total diet not exceeded (but ascorbic acid, max. 400 p.p.m.); also propyl gallate, max. 0.01%, octyl and dodecyl gallates, max. 0.015%, B.H.A., max. 0.02%. If B.H.A. with gallates, total max. 0.02%. Supplier of fats to notify wholesaler or user if antioxidant added.

## COLOURING MATTERS

See Tables, pp. 800-806.

## HEAVY METALS

Canned fruit and veg.: lead, max. 0.5 p.p.m.; zinc, max. 5 p.p.m.; cadmium, max. 0.05 p.p.m.; tin, max. 250 p.p.m. Fruit and veg. other than canned: lead, max. 1 p.p.m. (on fresh wt.). Juice and various fruit juice drinks: lead, max. 0.3 p.p.m.

## STABILISERS

The following may be used where regulations permit: gelatine, pectin, galactomannan (carob, guar), starches, agar, carrageenan, alginates, tragacanth, arabic, methyl cellulose, carboxymethyl starch, CMC, hydroxypropyl methyl cellulose, microcrystalline cellulose.

### WRAPPING PAPER

Parchment wrapping paper: optional. benzoic acid, min. 1 g./sq. metre (or equiv. sod. benzoate); may be used for wrapping food in which benzoic acid not permitted if no benzoic acid detectable in 50 g. of food.

### LABELLING

Required label statements and declarations may be given in either French or German. Detailed requirements on declar. quantity and unit price on some items.

## TURKEY

### COLOURING MATTERS

Synthetic colours, as in Tables, are allowed, also the usual vegetable colours, pp. 800-806. Imports may contain colours officially accepted as harmless in country of origin. Declar. reqd. in general when colouring matter added. Addition of colouring matters in certain foods prohibd., notably meat and fish products, canned fruits and vegetables, smoked fish, fats, vinegar, lemonades and similar beverages.

### PRESERVATIVES

Nitrates: meat products, 0.05%. Nitrites: meat products, 0.02%. Benzoic acid (or salts): fruit juice, 0.1%; tomato sauce or juice, 0.1%; lobster, etc., pres., fish pastes, 0.5%; liquid egg yolk, 1%; mustard, 0.15%; mayonnaise, 0.25%; margarine, 0.2%. $SO_2$: dried fruit, 0.1%; fruit juice, 0.01% (0.05% if conc.); liquid egg yolk, 0.1%. Sorbic acid (or salts): fruit juice, cheese, mustard, margarine, fish pates, 0.1%; mayonnaise, anchovy, 0.25%; liquid egg yolk, 1%.

### ANTIOXIDANTS

In oils and fats: gallates, 0.01%; BHA or BHT, 0.02%; tocopherols, 0.2%.

## UNITED KINGDOM

### NOTE ON REFERENCES

The initials S.R.O. refer to "Statutory Rules and Orders"; S.I. to "Statutory Instruments"; F.&D. to "Food & Drugs Act, 1955". A subsidiary serial no. in brackets following the main serial no.—*e.g.*, "(S.120)"—indicates a Statutory Instrument applying to Scotland; the regulations embodied in it usually, though not necessarily, parallel those applying in England and Wales. Northern Ireland has similar regs.

### BAKERY MATERIALS

**Baking Powder.** (1944, S.R.O. 46; 1959, S. I. 2106 (S.120)). Available $CO_2$, min. 8%; residual $CO_2$, max. 1.5% (both by prescribed method). Fluorine content, max. 15 p.p.m.

**Golden Raising Powder.** (1944, S.R.O. 46; 1959, S.I. 2106 (S.120)). Available $CO_2$, min. 6%; residual $CO_2$, max. 1.5% (both by prescribed method). Fluorine, as for Baking Powder.

**Acidic Phosphates.** (1959, S.I. 2106 (S.120)). For articles con-

*UNITED KINGDOM (cont.)*

taining acidic phosphate (except Baking Powder and mixtures containing farinaceous ingreds.), max. fluorine content is 30 p.p.m. of the acidic phosphate present.

## BEVERAGES, NON-ALCOHOLIC

(1959, S.I. 831; 1961, S.I. 1931; 1964, S.I. 760 (S.46); 1962, S.I. 1532; 1969, S.I. 1818 (S.163, S.164); 1970, S.I. 400; 1972, S.I. 1510).

**Fruit Juices.** Excluded from regs. whether sweetened or not.

### Soft Drinks, for Consumption without Dilution

*Fruit Content.* Citrus juice and barley water, lime crushes, lime juice and soda, min. 3% fruit juice by vol., commin. citrus and barley drinks, 1¼ lb. potable fruit content per 10 gal., other commin. citrus drinks, 2 lb. per 10 gal., any other fruit juice drinks, 5% fruit juice by vol.

*Added Sugar* (min.) 4½ lb. per 10 gal. *except* soda water nil, ginger ale 3 lb., brewed ginger beer, etc., 2 lb.

*Artificial Sweetener.* (max. per 10 gal. except ginger beer), saccharine, 56 grains.

### Soft Drinks, for Consumption after Dilution

*Fruit Content.* Citrus juice and barley water, min. 15% juice by vol.; citrus squashes with other fruit, min. 25% juice; commin. citrus and barley, 7 lb. potable fruit per 10 gal., other commin. citrus drinks, 10 lb. potable fruit per 10 gal., non-citrus squashes, 10% juice by vol.

*Added Sugar* (min.) 22½ lb. per 10 gal.

*Artificial Sweetener.* (max. per 10 gal.) saccharine, 280 grains.

### Semi-Sweet Soft Drinks

*Direct Consumption.* Sugar, min. 2¼ lb., max. 3 lb. per 10 gal.; saccharine, max. 28 grains per 10 gal.

*Consumption after Dilution.* Sugar, min. 11¼ lb., max. 15 lb.; saccharine, max. 140 grains per 10 gal.

**Soft Drinks for Diabetics.** No added sugar, no limits to artificial sweeteners.

**Low-Calorie Soft Drinks.** Fruit content as specified above. Max. calories, 7.5 per fl. oz. in drinks for consumpt. after dilution or 1.5 cal./fl. oz., for direct consumption.

**Soda Water.** Min. 5 grains sodium bicarb. per pint.

**Tonic Water.** Min. ½ grain quinine per pint.

### Additives in Soft Drinks

*Acids.* Following permitted in all types, ascorbic, citric, lactic, malic, nicotinic, tartaric. Also acetic and phosphoric except in squashes, crushes, etc.

*Preservatives.* See Schedule on pp. 767-769.

**Labelling.** Detailed provisions for use of words "squash", "crush", "cordial", etc. Permitted artificial sweetener to be declared by name.

## CHOCOLATE AND SUGAR CONFECTIONERY

**Cocoa Powder and Drinking Chocolate** (1961, S.I. 1931; 1962, S.I. 1532). See under "Codes of Practice", p. 775.

**Non-alcoholic Liqueur Chocolate.** (1970, S.I. 400). See under "Codes of Practice", p. 776.

**Sugar Confectionery.** (1966, S.I. 1073 (S.96); 1970, S.I. 400). Mineral oil, max. 0.2% (from use as lubricant or greasing agent on surfaces or as glazing or polishing agent); max. 60% (in chewing compounds). Under Codes of Practice (Circ. MF 21/51), when word "butter" or synonym used without qualification in description of sugar confect. or choc. products, butter-fat content to be min. 4% (where nuts, etc. present, or product in distinct parts, the min. applies to part with which butter-fat is mixed). If butter-fat present but below min., description "butter (or synonym) flavoured" should be used.

## COFFEE AND COFFEE PRODUCTS

**Coffee and Chicory Mixtures, incl. French Coffee.** (1962, S.I. 1532; 1966, S.I. 1203; 1967, S.I. 1865). Coffee and chicory only; coffee, min. 51%. If labelled "french coffee", words "coffee and chicory mixture" must follow immediately, substantially as conspicuously. See also under "Codes of Practice", p. 775.

**Coffee with Fig Flavour, incl. Viennese Coffee.** (Refs as for Coffee). Coffee and figs only; coffee, min. 85%. If labelled "Viennese coffee", words "coffee with fig seasoning" or "coffee with fig flavouring" must immediately follow, substantially as conspicuously.

**Liquid Coffee Essence or Extract.** (Refs as for Coffee). Caffeine, min. 0.5% wt./vol. (or min. 4 lb. roasted coffee used per gall. of product). No extractives other than of coffee. Preserv.: benzoic acid, or methyl or propyl *p.* hydroxybenzoates, max. 450 p.p.m. (declar.).

**Liquid Coffee and Chicory Essence or Extract.** (Refs as for Coffee). Caffeine, min. 0.25% wt./vol. (or min. 2 lb. roasted coffee used per gall. of product). No extractives other than of coffee or chicory. Preserv.: as liquid coffee essence.

**Coffee and Chicory incl. French Coffee.** As above.

*Labelling:* "coffee and chicory mixture", "mixture of coffee and chicory", "French coffee—coffee and chicory mixture", "coffee and chicory mixture-French coffee", "French coffee-mixture of coffee and chicory" or "mixture of coffee and chicory—French coffee."

**Coffee with Fig Flavouring, incl. Viennese Coffee.** As above.

*Labelling:* "coffee with fig flavouring (or seasoning)", "Viennese coffee—coffee with fig flavouring (or seasoning)", "coffee with fig flavouring (or seasoning)—Viennese coffee".

**Liquid Coffee Essence or Extract.** As above.

*Labelling:* "extract (or essence) of coffee", "coffee extract (or essence)".

**Liquid Coffee and Chicory Essence or Extract.** As above.

*Labelling:* extract (or essence) of coffee and chicory" of "coffee and chicory extract (or essence)".

**Liquid Extract of Coffee and Fig** Caffeine, min. 0.4% (or min, 3½ lb. roasted coffee used per gall. of product).

*Labelling:* "extract (or essence) of coffee and fig" or "coffee and fig extract (or essence)".

**Dried Extract of Coffee, Coffee and Chicory, Coffee and Fig.** Dried water-sol. solids, 95%. Other matter max. 100 p.p.m.

*UNITED KINGDOM (cont.)*

*Labelling:* "dried extract of coffee (or coffee and chicory, coffee and fig)", "dried coffee (or coffee and chicory, coffee and fig) extract" or "instant coffee (or coffee and chicory, coffee and fig)".

**Decaffeinated Coffee.** Caffeine, max. 0.1%.
*Labelling:* "decaffeinated coffee".

## FATS AND OILS

**Margarine.** (1967, S.I. 1867; 1956 (S.54)). Fat, min. 80% (milk fat, max. 10% of the fat); water, max. 16%; vit. A, min. 760, max. 940 i.u./oz; vit. D, min. 80, max. 100 i.u./oz. Labelling: word "margarine" in prescribed form; if claim presence of butter state min. % butter present.

**Suet.** (1952, S.I. 2203). No fibrous tissue. Block: beef fat only, min. 99% fat. Shredded: beef fat, min. 83%, with farinaceous material. See also under "Codes of Practice", p. 775.

## FISH PRODUCTS

**Fish Cakes.** (1950, S.I. 589). Fish content, min. 35%.

**Fish Paste, Fish Spread.** (1968, S.I. 430). Fish content, min. 70% (*i.e.*, % of net wt. of all fish when raw, after all waste eliminated). See also under "Codes of Practice", p. 775.

**Fish Paste (or Paté).** Fish min. 70%( Word "fish" may be replaced by name(s) of fish.

**"X" Spread (or Paté)·** "X" fish min. 70%

**Potted, chopped, minced or flaked fish.** Fish min. 95%. No added binder.

**Potted, chopped, minced or flaked "X".** "X" fish min. 95%. No added binder.

**Potted, chopped, minced or flaked fish and "Y".** Fish min. 80% with other main ingredient ("Y"), min. 95%. No added binder.

**Potted, chopped, minced or flaked "X" and "Y".** "X" fish min. 80%, with other main ingredient ("Y"), min. 95 %. No added binder.

**Dressed Crab.** Crabmeat, min. 93%. Use of word "butter", min. 6%.

## FLOUR AND FLOUR PRODUCTS

**Flour.** (1959, S.I. 2106; 1963, S.I. 1435 (S.66)). Required content of nutrients in all flour (except that for use in manuf. of communion wafers, matzos, gluten, starch, or nutrient concentrates, for medical use in hospitals, for export, or for purchases by Minister of Agric. for stockpiling or experiment): iron, min. 1.65 mg. (or ferrous sulphate), vitamin $B_1$, min. 0.24 mg., and nicotinic acid or nicotinamide, min. 1.60 mg., each per 100 gm. flour, to be added in an authorised form and conforming to standards of B.P. or B.P. Codex. Also in all flour (except as above and that containing whole of products derived from milling of wheat), *Creta Praeparata*, min. 235 mg., max. 390 mg., per 100 g. flour. *Permitted Additions* (except to wholemeal): ascorbic acid, pot. bromate, amm. or pot. persulphate, mono-calcium phosphate, chlorine dioxide, benzoyl peroxide (max. 50 p.p.m.). azodicarbonamide, max. 45 p.p.m. and L-cysteine hydrochloride monohydrate, max. 75 p.p.m. *Cake flour* may contain chlorine. *Biscuit flour.* $SO_2$ (max. 200 p.p.m.).

**Self-raising Flour.** (1946, S.R.O 157; 1959, S.I. 2106 (S.120)). Available $CO_2$, min. 0.40% (by prescribed method). If containing an acid phosphate, fluorine content to be max. 3 p.p.m.

**Cake and Other Farinaceous Mixtures.** If containing an acidic phosphate. limit for fluorine, max. 3 p.p.m.

**Bread.** (1962, S.I. 1532; 1963, S.I. 1435 (S.66)). *White Bread:* Flour, yeast, water and optional: salt, oils and fats, milk and milk products, sugar, enzymes, rice or soya flour (max. 2%), wheat gluten or germ, oatmeal (max. 2%), yeast stimulating preps., acetic acid, vinegar, mono-calc. phosphate, sod. pyrophosphate, lactic acid, pot. acid tartrate, sod. diacetate, lecithin, bleaching agents as for flour. *Preservatives:* propionic acid, 3000 p.p.m. *Emulsifiers:* stearyl tartrate or partial glycerol esters.
*Brown or Wheatmeal Bread:* Min. 0.6% fibre, additives as for white bread and caramel.
*Milk Bread:* Min. 6% whole milk solids.

## BISCUITS

See under "Codes of Practice", p. 776.

## MACARONI PRODUCTS

See under "Codes of Practice", p. 775.

## CORNFLOUR, PREPARED STARCHES

(1962, S.I. 1532), $SO_2$ residue, max. 100 p.p.m.

## FRUIT CURD

(Incl. Fruit Flavour Curd). (1953, S.I. 691). Sol. solids, min. 65% (refractometer). Fat, min. 4%. Citric acid, min. 0.33%. Oil of lemon, min. 0.125% (or oil of orange, min. 0.25%). Dried egg, min. 1% (or sugar dried whole egg, min. 1½%, or liquid or frozen whole egg, min. 3¾%, or shell egg, min. 4½%). Other ingreds. optional (preservs. prohib.).

## FRUIT AND VEGETABLE PRODUCTS

**Canned Peas.** (1970, S.I. 400). Processed peas must be labelled as such, with word "processed" as conspicuous as word "peas," and with no suggestion of being "fresh," "garden", "green", etc. See also under "Codes of Practice", p. 776.

**Processed Peas.** (1972, S.I. 400). If previously dried, soaked, etc., must be labelled "processed peas", with the two words equally prominent, and with no use of words "fresh", "garden", "green", etc.

**Dehydrated Vegetables.** (1962, S.I. 1532 (S.94)). $SO_2$ residue, max. 2000 p.p.m. (except potatoes 550 p.p.m. and cabbage, 2500 p.p.m).

**Herbs.** See under "Codes of Practice", p. 775.

**Citrus Fruit.** (1962, S.I. 1532; 1966, S.I. 1073 (S.94)). Diphenyl, max. 100 p.p.m.; *o*-phenylphenol (or equiv. *o*-phenylphenate), max. 70 p.p.m. (or a mixture with proportionate max. of each. Mineral oil, max. 0.1%.

**Tomato Ketchup, Catsup, Sauce Relish.** (1949, S.I. 1817; 1956 S.I. 1167 (S.66). Tomato solids, min. 6%. No added fruit or veg. except onions, garlic and spices for flavouring. Copper, max. 20 p.p.m. Labelling: declar. of ingreds. reqd.

*UNITED KINGDOM (cont.)*

**Fruit Pulp.** (For manuf. purposes). (1962, S.I. 1532). Preserv.: $SO_2$, max. 3000 p.p.m. (except tomato pulp, $SO_2$ max. 350 p.p.m. or methyl or propyl *p*.-hydroxybenzoates, 800 p.p.m.).

**Crystallised, Glacé or Cured Fruit.** (1962, S.I. 1532). Preserv.: $SO_2$, max. 100 p.p.m.

**Dried Fruits.** (1962, S.I. 1532; 1966, S.I. 1073 (S.94). Mineral oil, max. 0.5% allowed in prunes, currants, sultanas, raisins. Preserv.: $SO_2$, max. 2000 p.p.m.

**Jams and Jellies.** (1953, S.I. 691; 1962, S.I. 1532). Sol. solids, min. 68.5% by refract., uncorr. for insol. solids (if hermet. sealed, 65%). Fruit content, min.: blackcurrant, 25%; gooseberry, goos. and raspberry, goos. and strawberry, loganberry, raspberry, rasp. and gooseberry, rasp. and loganberry, rasp. and redcurrant, 30%; damson, redcurrant, strawb. and gooseberry, 35%; blackberry or bramble, greengage, strawberry, youngberry, 38%; melon and lemon, pineapple, or ginger, 40%; all others, 40%. Mixed jams (except following), first-named fruit min. 50% max. 75%, of fruit content. Melon mixtures: lemon, min. 8%; pineapple, min. 5%; ginger, min. 1%. Fig and lemon: lemon, min. 8%. Rhubarb and ginger: ginger, min. 1%. "Fruit" includes stones (where present) but not stalks or calices. Other fruit juice or pectin may be added, but not included in fruit content. No added acids except citric, tartaric or malic. Added permitted colour optional. Nature of sweetening matter not specified. $SO_2$ residue from ingred., max. 100 p.p.m. Other preservs. prohib.

**Marmalade** (incl. Jelly Marmalade). Sol. solids as for jams. Fruit content: min. 20% citrus fruit, except Ginger Marmalade, for which min. 25% drained ginger, or 25% drained ginger plus citrus fruit (if min. 15% drained ginger). Pectin, acids, etc., as for Jams.

**Mincemeat.** (1953, S.I. 691). Sol. solids, min. 65% (refract., uncorrected for insol. solids). Dried fruit and peel, min. 30%; suet or equiv. fat, min. 2.5%; added sugar, min. 30%; acetic acid, max. 0.5%. Other ingreds. optional (but no preservs. except residual $SO_2$ from ingreds.).

## EDIBLE GELATINE

(1951, S.I.'s 1196, 2240; 1959, S.I. 831; 1961, S.I. 1931; 1962, S.I. 1532). Completely sol. in warm water to clear, translucent colloidal soln. A 3% soln. must set to jelly when cooled to and kept at 60°F. (or if of low setting strength, when soln. made up by directions on label: declar. of low strength). Ash, max. 3.25%. Arsenic (As), max. 2 p.p.m.; Pb, max. 7 p.p.m.; Cu, max. 30 p.p.m.; Zn, max. 100 p.p.m.; $SO_2$, max. 1000 p.p.m. No objectionable taste or offensive odour.

## MEAT PRODUCTS

**Canned Meat Products.** (1961, S.I. 1931; 1967, S.I. 861 (S.87); 1968, S.I. 2046). *Meat content:* canned meat, 95%; canned cured, chopped or minced meat (sliceable), min. 90%: canned savoury minced meat (or "X"), savoury meat (or "X") mince, min. 85 %; canned meat with jelly, min. 80% (exc. canned brawn, collard head or pressed meat (or "X"), min. 60%; canned meat with gravy, min. 75% canned sliced meat (or "X") in gravy, min. 60%; canned meat (or "X") with "Y" and gravy (where "Y" is onion, mushroom or asparagus no other vegetable may be present or where "Y" is stuffing, dumpling or pasta ("Y", min. 12.5%)), min. 50%; canned meat with sauce, min. 60%; canned meat (or "X") with "Y" and sauce (where "Y" is same vegetables or stuffing, etc., as mentioned above ("Y", min. 15%)), min. 40%; canned curried meat (or "X"), meat (or "X") curry, min. 35%; canned curried meat (or "X") with rice, canned meat (or "X") curry with rice, min. 15%; canned meat with cereal, canned luncheon meat, canned "X" luncheon meat, canned hamburger, canned "X" hamburger, canned "X" burger, min. 80%; canned meat (or "X") loaf, canned meat (or "X") roll, min. 65%; canned meat (or "X") loaf with stuffing, canned meat (or "X") roll with stuffing, canned stuffed meat (or "X") loaf or roll, min. 50%; other canned meat products (inc. faggots, rissoles, croquettes, meat balls) min. 35%. *Calc. of meat content:* egg may count as meat, max. $\frac{1}{5}$ of meat content if decl. as egg present. Lean meat content of required meat content, min. 60%.

**Meat Pies and Sausage Rolls.** (1967, S.I. 860 (S.85)). Sausage rolls, meat and vegetable pies, puddings, pasties, cornish pasties, Forfar bridies, meat and egg pies, puddings, or pasties, meat and cheese pies, etc., meat, cheese and egg (or egg and cheese) pies, etc., meat, min. 12.5% (cooked); 10.5% (uncooked). For all combinations of meat, egg, cheese pies, etc., egg, cheese, min. 25% (cooked); 21% (uncooked). Meat pies, meat min. cooked (uncooked, 3 oz. wt. $\frac{5}{8}$ oz. $\frac{1}{2}$ oz.); 4 oz. wt. $\frac{7}{8}$ oz. ($\frac{3}{4}$ oz.); $5\frac{1}{2}$ oz. wt. 1 oz. ($\frac{17}{20}$ oz.); 7 oz. wt. $1\frac{1}{2}$ oz. ($1\frac{1}{4}$ oz.); over 7 oz. wt. 25% (21%). Scottish or Scotch pies, meat min. cooked (uncooked), 3 oz. wt. $\frac{1}{2}$ oz. ($\frac{2}{5}$ oz.); 4 oz. wt. $\frac{7}{10}$ oz. ($\frac{3}{5}$ oz.); $5\frac{1}{2}$ oz. wt. $\frac{4}{5}$ oz. ($\frac{7}{10}$ oz.); 7 oz. wt. $1\frac{1}{5}$ oz. (1 oz.); over 7 oz. wt. 20% (17%). Fat over 35% carbohydrate content of pastry of cooked Scottish pie counts towards meat content; fat over 50% of carbohydrate content of pastry of other cooked products.

**Sausage and Sausage Meat etc.** (F.&D.; 1962, S.I. 1532; 1967, S.I. 862; 1968, S.I. 97 (S.8, S.28)). Sausage, sausage meat, polony, hog pudding, meat, min. 50%; pork sausage or sausage meat, min. 65%; Frankfurter, Vienna or Salami sausage, min. 75% (canned in brine or other liquid, min. 70% of drained wt.). Lean meat content of sausage, min. 50% of required meat content. Edible casings do not count towards wt. of meat product or any ingredient as far as composition is concerned.

**Meat Paste, Meat Spread.** (1968, S.I. 430. Meat content, min. 70%. (i.e., % net wt. of all meat when raw, after all waste eliminated). Use of word "butter", min. 6%. Lean meat content of meat pastes (exc. paté) min. 60% of required min. meat content. See also under "Codes of Practice", p. 776.

**Meat Paste (or Paté).** Meat min. 70%. Word "meat" may be replaced by name(s) of meat.

**"X" Spread (or Paté).** "X" meat min. 70%.

**Potted, chopped, minced or flaked meat.** Meat min. 95%. No added binder.

**Potted, chopped minced or flaked "X".** "X" meat min. 95%. No added binder.

**Potted, chopped, minced or flaked meat and "Y".** Meat min. 80%,

*UNITED KINGDOM (cont.)*

with other main ingredient ("Y"), min. 95%. No added binder.

**Potted, chopped, minced or flaked "X" and "Y".** "X" meat min. 80%, with other main ingredient ("Y"), min. 95%. No added binder.

**Chopped, minced or flaked meat in jelly.** Meat min. 70%. Added jelly. No added binder.

**Chopped, minced or flaked "X" in jelly.** "X" meat min. 70%. Added jelly. No added binder.

**Brawn.** Meat min. 60%. Added jelly. No added binder.

**Phosphate Preparations.** (1959, S.I. 2106). If containing an acid phosphate, fluorine content to be max. 30 p.p.m. of the acid phosphate present.

**Canned Soups.** See under "Codes of Practice", p. 775.

## MILK PRODUCTS

**Cream.** (F.&D.; 1962, S.I. 720; 1966, S.I. 1203; 1970, S.I.'s 752, 1172). Min. milk fat content: clotted cream, 55%; double cream, 48%; whipping cream, 35%; whipped cream, 35%; sterilised cream, 23%; cream or single cream, 18%; sterilised half cream, 12%; half cream, 12%. Optional: nisin in clotted cream; sod. alginate or sod. bicarb., tetrasod. pyrophosphate and alginic acid, sod. CMC, carrageenin, gelatine in whipped cream and cream in aerosol containers. See also under "Codes of Practice", p. 776.

**Condensed Milk, Unsweetened (Evaporated).** (1959, S.I. 1098, (S.65); 1966, S.I.'s 791, 1203; 1970, S.I. 1127). Full cream: milk,. fat, min. 9%, total milk solids, min. 31%. Half cream: milk, fat, min. 4.5%; total milk solids, min. 26.5%. Skimmed: total milk solids, min. 20%. Labelling; as for "Sweetened".

**Condensed Milk, Sweetened.** (Refs. as for Unsweetened). Full cream: milk fat, min. 9%; total milk solids, min. 31%. Half cream: milk fat, min. 4.5%; total milk solids, min. 26.5%. Skimmed: total milk solids, min. 26%. Labelling: precise naming and declar. of equiv. pints (to nearest $\frac{1}{8}$), of (a) milk with milk solids min. 12.4%, incl. milk fat min. 3.6%, or (b), half cream milk with milk solids min. 10.8%, incl. milk fat min. 1.8%, or (c), skimmed milk with non-fatty milk solids min. 9%; if partly skimmed (half cream) to be marked as such and "should not be used for babies except under medical advice"; if skimmed, to be marked as such and "Unfit for Babies" or "Not to be Used for Babies". All in prescribed type and form. No comment allowed on official designations or declarations. Any instructions for dilution must give product conforming with (a), (b) or (c) above; or must state that product is not equiv. to full cream, half cream or skimmed milk, as case may be. (Above standards not applicable to product for export or in containers over 5 lbs. gross wt. But agreed min. 8% fat content for bulk supplies for manufacture.)

**Dried Milk.** (1965, S.I. 363 (S.35); 1966, S.I.'s 791, 1203; 1970, S.I. 1172). Moisture, max. 5%. Milk fat, min. 26% (full-cream), 17% ($\frac{3}{4}$-cream), 14% ($\frac{1}{2}$-cream), 8% ($\frac{1}{4}$-cream), 1.5% (partly skimmed), less than 1.5% (skimmed or low-fat skimmed). Labelling: precise naming and declar. of equiv. pints (to nearest $\frac{1}{8}$) of milk of following minimum compn.:

| | *Milk fat* | *Total solids* |
|---|---|---|
| Milk | 3.6% | 12.4% |
| ¾-cream milk | 2.7% | 11.6% |
| ½-cream milk | 1.8% | 10.8% |
| ¼-cream milk | 0.9% | 9.9% |
| Skimmed or partly skimmed milk | — | 9.0% (excl. fat) |

If skimmed, to be marked as such and "Unfit for Babies" or "Not to be Used for Babies". All in prescribed type and form. Other labelling requ. for ¾, ½, ¼, and partly skimmed milk.

**Dried Milk Mixtures.** If dried milk is min. 70%, above standards apply to dried milk used. Labelling: designation to include "Sweetened" if only sugar added; "Modified" if only a milk constituent added; "Compounded" in all other cases: also declar. of substance(s) added.

**Malted Milk.** See under "Codes of Practice", p. 775.

**Skimmed Milk with Non-Milk Fat.** (1960, S.I. 2331 (S. 133); 1968, S.I. 1474 (S. 148). Must be sold in container with label declaration "Unfit for Babies" or "Not to be Used for Babies" (except for certain scheduled proprietaries of specified compn.). Wording may optionally be modified in defined manner and to show nature or designations of non-milk fat(s) or oil(s) and any other substances present. Specified lay-out, with type size according to size of pack. If claim made on label as to effect of the food in relation to coronary diseases, label must also show quantities or proportions and name of each fat or oil present and whether or not each such fat or oil is hydrogenated. Labels must not bear any description or picture, etc., suggestive of milk or of anything connected with the dairy interest.

**Butter.** (F. & D., (1956, S.54); 1966, S.I.'s 1074, 1203, 1500 (S.95)). Water, max. 16%. Milk fat, min. 80%. Milk solids other than fat, max. 2%. Milk fat may be 78-80% if its percentage below 80% does not exceed amount by which salt in butter exceeds 3% and words "salted butter" appear on label. Butter with no salt added must be labelled "unsalted." Colouring matter optional.

**Cheese.** (1962, S.I. 1532 (S.94); 1966, S.I. 1203; 1970, S.I. 94 (S.4); 1974, S.I. 1122 (S.115). Preserv. nisin (no limit), sorbic acid (max. 1,000 p.p.m.) and (exc. Cheddar or Cheshire or soft cheese) sod. nitrate (100 p.p.m.) or nitrite (10 p.p.m.).

*Hard Cheese:* Following named varieties min. milk fat, 48% (on dry matter) and max. water, Cheddar, 39%; Blue Stilton, Derby, Leicester, 42%; Caerphilly, Wensleydale, White Stilton, 46%; Lancashire, 48%. Other kinds a decl. % milk fat (on dry matter) and max. water content, or min. % milk fat or comply with following: max. 48% and milk fat (on dry matter) "full fat", 48% min., "medium fat", 48-10%, "skimmed milk" less than 10%. Optional: salt; Ca. chloride; Ca. hydroxide; starter; rennet; $\alpha$, $\beta$, $\gamma$ carotene, annatto (natural or synthetic) (other permitted colours only on rind).

*Soft Cheese:* "Cream cheese", milk fat, min. 45%, "double cream cheese", min. 65%; "full fat soft cheese", min. 20%; "medium fat",

*UNITED KINGDOM (cont.)*

20-10%, water, max. 70%; "low fat", milk fat, 10-2%, water, max. 80%; "skimmed milk", milk fat less than 2%, water, max. 80%. Optional: as for hard cheese and alginic acid, ca. and sod. alginates, carrageen, ed. gums, starch (modified or not), flavour, lecithin.

*Whey Cheese:* "Full fat", milk fat, min. 33%; "whey cheese", 33-10%; "skimmed", less than 10%. Optional: as for soft cheese.

*Sage Cheese:* As for hard or soft cheese and permitted green colours (optional).

*Processed Cheese:* Milk fat and water content as for named hard cheese (exc. Cheddar, water, max. 43%). Optional: as for soft cheese and emulsif. salts (ammon., sod., potass., calc. salts of citric and o-phosphoric acids; sod., potass., calc. salts of diphos. acid; pentasod. triphos.; pentapotass. triphos.; ammon., sod., potass., calc. polyphos.; sod., potass., potass. sod. salts of tartaric acid), perm. nat. org. colours, lactic and citric acids.

*Cheese Spread:* Milk fat, min. 20%, water, max. 60%. Optional: as for processed cheese; permitted green colours in sage cheese spread only.

*Labelling:* Detailed requirements are laid down under the Labelling Regulations, 1970, S.I. 400.

**Ice Cream.** (F.&D.; 1959, S.I.'s 734, 831; (1959, S.24, 1960, S.107); 1961, S.I. 1931; 1962, S.I. 1287; 1963, S.I. 1083 (S.44); 1967, S.I. 1866; 1969, S.I. 1817). Fat, min. 5%; non-fatty milk solids, min. 7½%. If containing fruit pulp or puree, must either conform with above standard, or total of fat and non-fatty milk solids must be min. 12½%, incl. fat. min. 7½%, and non-fatty milk solids min. 2%. If called Dairy Ice Cream, Dairy Cream Ice, or Cream Ice: milk fat, min. 5% (no other fat except that from egg, flavouring, or emulsifier or stabiliser); otherwise as above. Milk Ice: milk fat, min. 2½% (prohib. of other fat as for Dairy Ice Cream); non-fatty milk solids, min. 7%. "Parev" ice: fat, min. 10%; no milk fat or other milk deriv. No artif. sweetener in any of above. Ice cream mixtures must not be kept more than 1 hr. above 45°F. before heat treatment. Heat-treatment required (except for complete cold mixes, or where mixture has pH of 4.5 or less): mixture must be raised to, and kept at: I, min. 150°F. for min. 30 mins.; or II, min. 160°F. for min. 10 mins.; or III, min. 175°F. for min. 15 secs.; or IV, min. 175°F. for min. 2 secs. (special control apparatus and pump to be used with methods III and IV). Temp. must then be reduced to 45°F. or below within 1½ hrs., and held there until freezing begun (these requirements do not apply with method IV if mixture so treated is immediately placed in sterile airtight containers under sterile conditions, and container is kept unopened; on opening, temp. must immediately be reduced to 45°F. or below and held there until freezing begun). Temp. may be allowed to rise above 45°F. for addition to a mixture with pH 4.5 or less (for prepn. of water ice and similar), if combined mixture is frozen within 1 hr. of combination. Suitable indicating and recording thermometers to be used, and records kept. Cold mixes must be converted into ice cream within one hour of reconstitution. Ice cream must be kept at a temp. not above 28°F.; if temp. at any time exceeds this, the product must again be heat treated as above (this applies also to cold mixes after they have been frozen). Labelling: No words, devices, etc., suggesting butter, cream or milk, or anything connected with the dairy interest, if fat other than milk fat is present (except fat introduced by egg ingred., flav. substance, or emulsifying or stabilizing agent). (But label may state that skimmed milk solids are present). If foreign fat present, declar. "contains non-milk fat" requd. conspicuously, close to description "ice cream", in prescribed min. type size, on prepacked ice cream (if veg. fat only, declar. may be "contains vegetable fat").

**Cream Soups.** Under Code of Practice (Circ. M.F. 3/54), min. butter-fat content 2½% by wt.; but min. may be 1½% if total fat content is min. 3%; or butter-fat may be absent or less than 1½% if total fat content is min. 3½%, p. 775. (See also F.S.C. Report on Soups, publ. 1968.)

## SPICES, CONDIMENTS, AND FLAVOURINGS

**Mustard, Compound Mustard, Mustard Condiment.** (1944, S.R.O. 275, 1959, S.I. 831; 1961, S.I. 1931). (Except "pickling mustard" and brown mustard flour sold as "brown mustard"). A blend of brown and white mustard flours. Optional: amylaceous flours and spices, max. 20%. Yield of allyl isothiocyanate on maceration with water for 2 hrs. at 37°C., min. 0.35%.

**Curry Powder.** (1949, S.I. 1816; 1956, S.I. 1166). Spices, aromatic seeds and aromatic herbs, min. 85%. Lead, max. 20 p.p.m.

**Salt.** See under "Codes of Practice", p. 775.

**Artificial Sweeteners.** (1969, S.I. 1817 (S.164)). Permitted artif. sweeteners: saccharin and Ca, Na salts. Sugars and polyhydric alcohols exempt. Use in ice cream products prohib.

**Essences and Flavourings.** See under "Codes of Practice", p. 776.

**Solvents.** (1967, S.I. 1582 (1968, S.23)). Ethyl alcohol, ethyl acetate, diethyl ether, glycerol, glycerol mono, di- and triacetate, *iso*propyl alcohol, propylene glycol.

## SUGARS AND SUGAR PRODUCTS

**Sugar, Sugar Syrups, Solid Glucose.** (1961, S.I. 1931; 1962, S.I. 1532 (S.94)). $SO_2$ residue, max. 70 p.p.m.

**Liquid Glucose.** (1961, S.I. 1931; 1962, S.I. 1532 (S.94)). $SO_2$ residue, max. 450 p.p.m.

## VINEGAR PRODUCTS

**Acetic Acid.** (1970, S.I. 400). If more than 15% wt./vol., packages to be labelled in prescribed form with % strength, and as dangerous and not to be used unless diluted. By High Court decision, 21.7.1950, in Kat v. Diment (see Circ. M.F. 15/50) a soln. of synth. acetic acid put up as a condiment may not be described as "non-brewed vinegar".

**Pickles, Sauces made from Fruit or Veg.** (1962, S.I. 1532 (S.94)). Preserv.: $SO_2$ max. 100 p.p.m. or methyl or propyl para-hydroxybenzoates, max. 250 p.p.m.

*UNITED KINGDOM* (*cont.*)

**Horseradish Sauce.** See under "Codes of Practice", p. 776.

**Salad Cream, Mayonnaise.** (1966, S.I. 1051 (S.87)). Edible veg. oil, min. 25%; egg yolk solids, min. 1.35%. Other ingreds. optional (preserv. prohib.).

### PRESERVATIVES

(1970, S.I. 400; 1973, S.I. 1340; 1974, S.I. 1119 (S. 118)).

The following substances are excluded from the definition as preservatives and their use is not governed by the regulations: salt, lecithin, sugars, tocopherols, nicotinic acid, vinegar, acetic, lactic, ascorbic, citric, malic, phosphoric, polyphosphoric or tartaric acids, glycerol, alcohol, isopropyl alcohol, propylene glycol, mono-, di-, and triacetins, herbs, or hop extract, spices or essential oils used for flavouring, substances imparted to foods by the smoking process, $CO_2$, nitrogen, hydrogen, nitrous oxide.

Schedule II (see pp. 767–768) sets out the preservatives permitted in particular foods and the limits allowed. Where two or more preservatives are permitted the specified food may contain an admixture of those preservatives but the amounts of each present expressed as a percentage of the max. quantity permitted when added together must not exceed one hundred.

No other food may contain added preservative, *except that* (i) any food may contain max. 5 p.p.m. of formaldehyde from wrapping materials or plastic containers; (ii) the skin, of bananas may contain nystatin; (iii) cheese, clotted cream or any canned food may contain nisin. (*Note*: "canned food" is defined as "food in a hermetically sealed container which has been heat processed to destroy any *Clostridium botulinum* in that food or container or which has a pH of less than 4.5.")

Any compounded food may contain preservative introduced in to that food by the use of specified foods (other than fruit and fruit pulp for manufacturing purposes in proportion to the amount specified), provided that (i) the compounded food may contain $SO_2$ in the proportion introduced by the use of specified foods or 50 p.p.m., which ever is the greater; (ii) the amount of orthophenyl phenol introduced by the use of melon does not exceed 10 p.p.m.

**Labelling.** Declaration (in a prescribed manner) is required when the following foods contain added preservative: sausages, sausage meat, liquid coffee (or coffee and chicory) extract, liquid tea extract, pickles and sauces, and non-alcoholic sacramental wine (if benzoic acid more than 800 p.p.m.).

**COLOURING MATTERS** (1970, S.I. 400; 1973, S.I. 1340 (S. 100)). See Tables, pp. 800–806 and p. 693.

No colouring (except for marking) to be used in or on meat, game, poultry, fish, fruit or veg. in raw and unprocessed state, if intended for sale for human consumption and tea, coffee, coffee prods, condensed milk, dried milk (but permitted colour allowed on nut husks). The following colours permitted only in certain foods: alumin., silver, gold on dragees for external colouring only and on sugar coated flour confectionery for decoration only; pigment rubin and burnt umber for rind of hard cheese; methyl violet for marking

(*Text cont. page 770*)

# Preservatives in Food (U.K.)

## SCHEDULE 1

### PERMITTED PRESERVATIVES

| Column 1 | Column 2 | Column 3 | Column 4 |
|---|---|---|---|
| Permitted preservative specified in Schedule 2 | Serial number | Alternative form in which the permitted preservative may be used (to be calculated as the permitted preservative shown in column 1) | Serial number |
| Benzoic acid | E 210 | Sodium benzoate<br>Potassium benzoate<br>Calcium benzoate | E 211<br>E 212<br>E 213 |
| Methyl 4-hydroxybenzoate | E 218 | Methyl 4-hydroxybenzoate, sodium salt | — |
| Ethyl 4-hydroxybenzoate | E 214 | Ethyl 4-hydroxybenzoate, sodium salt | E 215 |
| Propyl 4-hydroxybenzoate | E 216 | Propyl 4-hydroxybenzoate, sodium salt | E 217 |
| Biphenyl | E 230 | | |
| Nisin | — | | |
| Sodium nitrate | E 251 | Potassium nitrate | E 252 |
| Sodium nitrite | E 250 | Potassium nitrite | — |
| 2-Hydroxybiphenyl | E 231 | Sodium biphenyl-2-yl oxide | E 232 |
| Propionic acid | E 280 | Sodium propionate<br>Calcium propionate | E 281<br>E 282 |
| Sorbic acid | E 200 | Sodium sorbate<br>Potassium sorbate<br>Calcium sorbate | E 201<br>E 202<br>E 203 |
| Sulphur dioxide | E 220 | Sodium sulphite<br>Sodium hydrogen sulphite<br>Sodium metabisulphite<br>Potassium metabisulphite<br>Calcium sulphite<br>Calcium hydrogen sulphite | E 221<br>E 222<br>E 223<br>E 224<br>E 226<br>E 227 |
| 2-(Thiazol-4-yl) benzimidazole | E 233 | | |

## SCHEDULE 2

### ARTICLES OF FOOD WHICH MAY CONTAIN PERMITTED PRESERVATIVE AND THE NATURE AND PROPORTION OF PERMITTED PRERVATIVE IN EACH CASE

| Column 1 | Column 2 | Column 3 |
|---|---|---|
| Specified Food | Permitted Preservative | Except where otherwise stated, milligrams per kilogram not exceeding— |
| Bacon | Sodium nitrate and | 500 |
| | sodium nitrite | 200 |
| Beer | Sulphur dioxide | 70 |
| Bread | Propionic acid | 3,000 (calculated on the weight of the flour) |
| Cabbage, dehydrated | Sulphur dioxide | 2,500 |
| Candied peel or cut and drained (syruped) peel | Sulphur dioxide | 100 |
| Cheese | Sorbic acid | 1,000 |
| Cheese, other than Cheddar or Cheshire type cheese or soft cheese | Sodium nitrate or | 100 |
| | sodium nitrite | 10 |
| Cider | Sulphur dioxide | 200 |
| Coffee (or coffee and chicory) extract, liquid | Benzoic acid or | 450 |
| | methyl 4-hydroxybenzoate or | 450 |
| | ethyl 4-hydroxybenzoate or | 450 |
| | propyl 4-hydroxybenzoate | 450 |
| Coffee extract, solid | Sulphur dioxide | 150 |
| Colouring matter, except E 150 Caramel, if in the form of a solution of a permitted colouring matter | Benzoic acid or | 2,000 |
| | methyl 4-hydroxybenzoate or | 2,000 |
| | ethyl 4-hydroxybenzoate or | 2,000 |
| | propyl 4-hydroxybenzoate or | 2,000 |
| | sorbic acid | 1,000 |

*UNITED KINGDOM (cont.)*

SCHEDULE 2—*continued.*

| Column 1 | Column 2 | Column 3 |
|---|---|---|
| Specified Food | Permitted Preservative | Except where otherwise stated, milligrams per kilogram not exceeding— |
| Dimethylpolysiloxane anti-foam emulsion | Benzoic acid or | 2,000 |
| | methyl 4-hydroxybenzoate or | 2,000 |
| | ethyl 4-hydroxybenzoate or | 2,000 |
| | propyl 4-hydroxybenzoate or | 2,000 |
| | sorbic acid | 1,000 |
| Drinking chocolate concentrate | Benzoic acid or | 700 |
| | methyl 4-hydroxybenzoate or | 700 |
| | ethyl 4-hydroxybenzoate or | 700 |
| | propyl 4-hydroxybenzoate | 700 |
| Flavouring emulsions or flavouring syrups | Sulphur dioxide or | 350 |
| | benzoic acid or | 800 |
| | methyl 4-hydroxybenzoate or | 800 |
| | ethyl 4-hydroxybenzoate or | 800 |
| | propyl 4-hydroxybenzoate | 800 |
| Flour confectionery | Propionic acid or | 1,000 |
| | sorbic acid | 1,000 |
| Fruit, crystallised or glacé | Sulphur dioxide | 100 |
| Fruit, dried | Sulphur dioxide | 2,000 |
| Fruit, fresh: | | |
| Bananas | 2-(Thiazol-4-yl) benzimidazole | 3 |
| Citrus fruit | Biphenyl or | 70 |
| | 2-hydroxybiphenyl or | 12 |
| | 2-(thiazol-4-yl) benzimidazole | 6 |
| Fruit juices, sweetened or unsweetened, whether concentrated or not | Sulphur dioxide or | 350 |
| | benzoic acid or | 800 |
| | methyl 4-hydroxybenzoate or | 800 |
| | ethyl 4-hydroxybenzoate or | 800 |
| | propyl 4-hydroxybenzoate | 800 |
| Fruit (other than fresh fruit) or fruit pulp including tomato pulp, paste or puree | Sulphur dioxide or | 350 |
| | benzoic acid or | 800 |
| | methyl 4-hydroxybenzoate or | 800 |
| | ethyl 4-hydroxybenzoate or | 800 |
| | propyl 4-hydroxybenzoate | 800 |
| Gelatin | Sulphur dioxide | 1,000 |
| Ginger, dry root | Sulphur dioxide | 150 |
| Glucose drinks containing not less than 23.5 lb. of glucose syrup per 10 gallons of the drink | Sulphur dioxide or | 350 |
| | benzoic acid or | 800 |
| | methyl 4-hydroxybenzoate or | 800 |
| | ethyl 4-hydroxybenzoate or | 800 |
| | propyl 4-hydroxybenzoate | 800 |
| Glucose syrup (other than dried) | Sulphur dioxide | 450 |
| Glucose syrup (dried) | Sulphur dioxide | 70 |
| Grape juice products (unfermented, intended for sacramental use) mental use) | Sulphur dioxide and either | 70 |
| | benzoic acid or | 2,000 |
| | methyl 4-hydroxybenzoate or | 2,000 |
| | ethyl 4-hydroxybenzoate or | 2,000 |
| | propyl 4-hydroxybenzoate | 2,000 |
| Ham | Sodium nitrate and | 500 |
| | sodium nitrite | 200 |
| Horseradish, fresh grated | Sulphur dioxide or | 100 |
| | benzoic acid or | 250 |
| | methyl 4-hydroxybenzoate or | 250 |
| | ethyl 4-hydroxybenzoate or | 250 |
| | propyl 4-hydroxybenzoate | 250 |
| Jam, including preserves sold for special dietetic purposes | Sulphur dioxide | 100 |
| Marzipan | Sorbic acid | 1,000 |
| Meat, pickled | Sodium nitrate and | 500 |
| | sodium nitrite | 200 |
| Pectin, liquid | Sulphur dioxide | 250 |
| The permitted colouring matter, E 150 Caramel | Sulphur dioxide | 1,000 |
| Perry | Sulphur dioxide | 200 |
| Pickles | Sulphur dioxide or | 100 |
| | benzoic acid or | 250 |
| | methyl 4-hydroxybenzoate or | 250 |
| | ethyl 4-hydroxybenzoate or | 250 |
| | propyl 4-hydroxybenzoate | 250 |

| Column 1 | Column 2 | Column 3 |
|---|---|---|
| Specified Food | Permitted Preservative | Except where otherwise stated, milligrams per kilogram not exceeding— |
| Potatoes, raw, peeled | Sulphur dioxide | 50 |
| Potatoes, dehydrated | Sulphur dioxide | 550 |
| Rennet, liquid | Benzoic acid or | 2,000 |
| | methyl 4-hydroxybenzoate or | 2,000 |
| | ethyl 4-hydroxybenzoate or | 2,000 |
| | propyl 4-hydroxybenzoate | 2,000 |
| Sauces | Sulphur dioxide or | 100 |
| | benzoic acid or | 250 |
| | methyl 4-hydroxybenzoate or | 250 |
| | ethyl 4-hydroxybenzoate or | 250 |
| | propyl 4-hydroxybenzoate | 250 |
| Sausages or sausage meat | Sulphur dioxide | 450 |
| Soft drinks for consumption after dilution not otherwise specified in this Schedule including comminuted citrus bases for the preparation of soft drinks | Sulphur dioxide or | 350 |
| | benzoic acid or | 800 |
| | methyl 4-hydroxybenzoate or | 800 |
| | ethyl 4-hydroxybenzoate or | 800 |
| | propyl 4-hydroxybenzoate | 800 |
| Soft drinks for consumption without dilution not otherwise specified in this Schedule | Sulphur dioxide or | 70 |
| | benzoic acid or | 160 |
| | methyl 4-hydroxybenzoate or | 160 |
| | ethyl 4-hydroxybenzoate or | 160 |
| | propyl 4-hydroxybenzoate | 160 |
| Starches, whether modified or not | Sulphur dioxide | 100 |
| Sugar or sugar syrups | Sulphur dioxide | 70 |
| Tea extract, liquid | Benzoic acid or | 450 |
| | methyl 4-hydroxybenzoate or | 450 |
| | ethyl 4-hydroxybenzoate or | 450 |
| | propyl 4-hydroxybenzoate | 450 |
| Vegetables, dehydrated (other than cabbage or potato) | Sulphur dioxide | 2,000 |
| Vinegar | Sulphur dioxide | 70 |
| Wine (including alcoholic cordials) other than wine in respect of which the maximum permitted sulphur dioxide content is prescribed by any Community Regulation | Sulphur dioxide and | 450 milligrams per litre |
| | sorbic acid | 200 milligrams per litre |
| Wine in respect of which the maximum permitted sulphur dioxide content is prescribed by any Community Regulation | Sulphur dioxide and | As prescribed in milligrams per litre by the Community Regulation |
| | sorbic acid | 200 milligrams per litre |

*UNITED KINGDOM (cont.)*

only of raw or unprocessed meat and citrus fruits.

**ANTIOXIDANTS** (1970, S.I. 400; 1974, S.I. 1120 (S. 117) ). Permitted antioxidants: L-ascorbic acid and its sod. and calc. salts; ascorbyl palmitate; extracts of natural origin rich in tocopherols; synthetic $\alpha$, $\gamma$ and $\delta$ tocopherols; BHA; BHT; octyl, dodecyl and propyl gallates; ethoxyquin. Of these the latter 6 are permitted only in (*a*) anhydrous edible oils and fats (hardened or not), vitamin oils and concentrates other than those containing more than 100,000 I.U.'s vit. A per g., (*b*) partial glycerol esters, (*c*) butter for manufacturing purposes, and (*d*) essential oils, including their flav. constituents (isolates and concentrates): propyl, octyl or dodecyl gallate or any mixture of these, max. 100 p.p.m. (in *a* and *b*), 80 p.p.m. (in *c*), 1000 p.p.m. (in *d*); butylated hydroxyanisole (B.H.A.) or butylated hydroxytoluene (B.H.T.) or any mixture of these, max. 200 p.p.m. (in *a* and *b*), 160 p.p.m. (in *c*), 1000 p.p.m. (in *d*). The gallates, B.H.A. and B.H.T. may be used together, each within the limits above, with max. total antioxidant 300 p.p.m. (in *a* and *b*), 240 p.p.m. (in *c*), 1000 p.p.m. (in *d*). Prepns. containing more than 100,000 I.U.'S vit. A: B.H.A., B.H.T. or mixt. 10 p.p.m. for ea. 1,000 I.U.'s vit. A per g. Ethoxyquin, max. 3 p.p.m. only in apples and pears. Antioxidants prohbd. in infant foods. Food containing *a, b, c or d* as ingreds. may contain antioxidant as allowed in, and in proportion appropriate to the amt. of, the ingred. Food containing milk fat in a dairy product ingred. may contain antioxidant as allowed in an amt. of anhydrous fat equal to the milk fat content. Labelling requirements covered by Labelling of Food Regulations.

**EMULSIFIERS AND STABILISERS** (1962, S.I. 720 (S.29); 1970, S.I.'s 400, 752, 1101).

Exclusions from the definition include agar, alginates, carrageen, edible gums, dextrin, pectin and pectates, proteins (hydrolyzed or not), starches (including modified starches), sorbitol. (Note: this means that these substances may be used in foods generally, unless specifically prohibited by a regulation on a foodstuff.)

The following emulsifiers and stabilizers are permitted:

Stearyl tartrate;

Complete glycerol esters of fatty acids and acetic, lactic, phosphoric and diacetyl tartaric acids;

Partial glycerol esters of fatty acids with or without acetic, lactic, citric, tartaric, diacetyl tartaric, or hydroxystearin;

Partial polyglycerol esters of fatty acids, dimerised fatty acids of soybean oil or interesterified fatty acids of castor oil;

Propylene glycol esters of fatty acids with or without lactic acid or of alginic acid;

Monostearin sodium sulphoacetate;

Sorbitan esters of fatty acids and their polyoxyethylene derivatives;

Cellulose ethers;

Sodium carboxymethyl cellulose.

**Exceptions.** No emulsifier or stabilizer is permitted in flour intended for sale as such or in milk (see 1962, S.I. 721). Bread may only contain stearyl tartrate or partial glycerol esters.

**MISCELLANEOUS ADDITIVES** (1974, S.I. 1121 (S. 116)). Includes any acid, anti-caking agent, anti-foaming agent, base, buffer, firming agent, glazing agent, humectant, liquid freezant, packaging gas, propellant, release agent or sequestrant but does not include any natural food substance; permitted antioxidants, artificial sweetener, bleaching agent, colouring matter, emulsifier, improving agent, preservative, solvent, stabiliser; starches, modified or not; caseinates; proteins, protein concentrates and protein hydrolysates; sod. chloride; normal straight chain fatty acids derived from food fats. The list of permitted miscellaneous additives is: acetic acid and its sod., potass. and calc. salts; adipic acid; beeswax; calc. phytate; $CO_2$; carbonates (ammon., ammon. hydrogen, sod., sod. hydrogen, magnes., potass., potass. hydrogen, calc., sod. sesquicarbonate); citric acid and its ammon., sod., potass., calc. and ferric ammon. salts; dimethylpolysiloxane; sod. and potass. ferrocyanide; fumaric acid; D - glucono - 1.5 - lactone; sod., potass. and calc. gluconate; glycine; 1,4-heptonolactone; sod. and calc. heptonate; HCl and ammon., potass., and calc. salts; hydrogen; ammon., sod., magnes., potass. and calc. hydroxide; magnes. and calc. oxide; lactic acid and its sod., potass., calc. salts; DL-malic acid; L-malic acid and its sod. hydrogen, sod., potass., calc. salts; mannitol; nicotinic acid; nitrogen; nitrous oxide; oxygen; oxystearin; o-phosphoric acid and its ammon. dihydrogen, diammon. hydrogen, sod. dihydrogen, disod. hydrogen, trisod., potass. dihydrogen, dipotass. hydrogen, tripotass., calc. tetrahydrogen diortho., calc. hydrogen, tricalc. diortho., calc. hydroxy, sod. alumin. salts; disod. dihydrogen diphos., tetrasod, diphos., tetrapotass. diphos., dicalc. diphos.; pentasod. triphos., pentapotass. triphos.; ammon., sod., potass., and calc. polyphosphates; edible bone phosphate; shellac; silicon dioxide; bentonite; kaolin; silicates (alumin. sod., alumin. calc., calc., magnes., magnes. trisilicate); talc; sorbitol; spermaceti; sperm oil; magnes., calc., butyl stearate; succinic acid; sulphuric acid and its ammon., sod., magnes., potass. and calc. salts; tannic acid; tartaric acid and its sod., potass., potass. hydrogen and potass. sod. salts.

Permitted only in certain foods: octadecylammon. acetate, max. 500 p.p.m. in ammon. chloride; disod. dihydrogen EDTA, max. 25 mg/l in brandy; calc. disod. EDTA (GMP) in canned fish and shellfish; carnauba wax, max. 200 p.p.m. in chocolate and sugar confectionery; calc. disod. EDTA (GMP) in glace cherries; alumin. potass. sulphate, max. 10,000 p.p.m. on dry matter basis in glace cherries; metataratric acid, max. 100 mg/l in wine.

## METALLIC CONTAMINATION

**Arsenic.** (1959, S.I. 831 (S.51); 1960, S.I. 2261 (S.126); 1973, S.I. 1052). General limits: beverages ready to drink, 0.1 p.p.m.; other foods, 1.0 p.p.m. as As.; higher limits for certain beverages and foods specified in schedule to regs. Does not apply to fish, edible seaweed, products containing same, where natural As. content exceeds 1.0 p.p.m. Lower limit 0.5 p.p.m. for ice cream, etc. (Foods and food additives with max. levels prescribed by other regulations exempt from these regs.).

*UNITED KINGDOM (cont.)*

**Copper.** (F.S.C. Report on Copper, 1956; and revision to schedule of special limits, 1958). General limits: beverages ready to drink, 2 p.p.m.; other foods, 20 p.p.m.; but higher limits recommended at present for a number of beverages and other foods. (No legislation.)

**Lead.** (1961, S.I. 1931 (S.114); 1966, S.I. 1203; 1972, S.I. 1843; 1973, S.I. 1053). General limits: beverages ready to drink, 0.2 p.p.m.; dextrose, refined sugars, edible oils and fats and infant and baby foods, 0.5 p.p.m.; other foods, 2 p.p.m.; but higher limits permitted for a number of beverages and other foods; and a limit of 1 p.p.m. for ice cream, tomato juice, conc. soft drinks. (Foods and food additives with max. levels prescribed by other regulations exempt from these regs.).

**Tin.** (F.S.C. Report on Tin in Canned Foods, 1953). General limit (canned foods only): 250 p.p.m. (No legislation.)

**Zinc.** (F.S.C. Report on Zinc, 1953). General limits: beverages ready to drink, 5 p.p.m.; other foods, 50 p.p.m.; but a limit of 100 p.p.m. for gelatine is statutory.

*Waiver where contamination is of natural origin*: Where there is a high natural content of above metals in certain animal and veg. products, no objection should be taken to amounts in such products in excess of general limits if it can be shown that the metal is of natural occurrence. Products mentioned in this connection are:—lead: shell-fish and crustacea; copper: shell-fish and crustacea, offals, etc.; zinc: herrings, shell-fish and crustacea, cereal and animal offals, etc.

**Mineral Hydrocarbons.** (1966, S.I. 1073 (S.96)). Mineral hydrocarbons prohibited in food except for dried fruit, max. 0.5%; citrus fruit, max. 0.1%; sugar confectionery, max. 0.2%; chewing compound, max. 60% solid mineral hydrocarbon; rind of whole pressed cheese; eggs (declar. "sealed"); and any food, max. 0.2% where present as residue from release agents.

## HYGIENE

**The Food Hygiene (Scotland) Regulations, 1959.** (1959, S.I.413 (S.16), 1153 (S.67); 1961, S.I. 622 (S.38); 1966, S.I. 967 (S.76).

**The Food Hygiene (General) Regulations, 1970.** (1970, S.I. 1172) The regulations lay down requirements in respect of the cleanliness of premises, vehicles, etc. and of the apparatus and equipment used for the purposes of a food business; the hygienic handling of food; protection of food from risk of contamination, the cleanliness of personnel and the action to be taken where persons suffer from or are carriers of certain infections liable to cause food poisoning; the construction of premises etc. and repair and maintenance; sanitary conveniences and provision of water supply and washing facilities; and the temp. at which certain foods particularly liable to transmit disease are to be kept on catering premises.

**The Food Hygiene (Docks, Carriers, etc.) Regulations, 1960.** (1960, S.I. 1602). The Food Hygiene (Markets, Stalls and Delivery

Vehicles) Regulations, 1966 (1966, S.I.'s 791, 1487) and the Slaughterhouses (Hygiene) Regulations, 1958 (1958, S.I. 2168; 1959, S.I. 1543; 1962, S.I. 1287; 1966, S.I. 1318; 1968, S.I. 1553). Similar to above but applying to specific premises.

## LABELLING

**Labelling of Food Regulations, 1970.** (1970, S.I. 400 (S.91; 1972, S.I. 1510). Prepacked food must be labelled with an appropriate designation if the food consists of one ingredient, if it consists of 2 or more ingreds. state approp. design or common or usual name (unless an approp. design laid down elsewhere) and list all ingredients (need not list water) in descending order by weight. (Dried or concentrated foods may be listed as if they had first been reconstituted with water; for food sold retail dried or concentrated for reconstitution with water before consumption may list ingreds in descending order of weight as when reconstituted; on mixed fruit and vegetables where no fruit or veg. predominates may list them in alphabetical order, providing do not mislead purchaser.) If an ingred. made from 2 or more constituents may give approp. design. of constituents only or may give both providing it is made clear that they are the constituents of that ingred. If an ingred. or constituent contains preservative, antioxidant, colour, emulsifier, stabilizer, artificial sweetener, bleaching agent, improving agent, solvent, flavouring or mineral hydrocarbon and the total quantity of that substance is insufficient to exert its effect on the food may state "X with preservative" etc. in the list of ingreds. (may add "permitted" and name of substance). No declar. preserv. or antioxidant if present in amount insufficient to have preserv. or antioxidant effect on the ingred. or is less than 5% of the max. permitted level in the ingred. Head list with word "Ingredients" or "Ingredients in order of quantity" or "Ingredients in order by weight, when reconstituted" or "Ingredients when reconstituted" or "Ingredients in alphabetical order" as appropriate.

State name of packer or labeller of the food and a business address. If packed or labelled for another person may give name and business address in the U.K. of that person.

Exemptions: containers 5 cm max. approp. design only (ingreds. optional); no declar. packer or labeller on food prepacked for sale by the retailer on his premises and, if consists of one ingred., need not declar. approp. design; flour confectionery or bread sold on the premises by the producer, no declar. packer or labeller; if name and business address or registered trade mark given (until 5.1.1976) soft drinks are exempt from declar. approp. design and ingreds.

Foods exempt from declar. ingreds: (1) any meal, biscuits, bread (not breadcrumbs), butter, cheese (not processed and cheese spread), chocolate, sugar and flour confectionery, flour, fresh fruit and veg., ice cream, Parev or Kosher ice; (2) artificial sweetening tablets, condensed milk, coffee and chicory mixts. inc. French coffee, coffee with fig flavour, curry powder, dried milk, edible gelatine, natural spa waters, preparations with B.P. or B.P.C. monographs, flavourings. Must declar. preserv., antioxidants, colour, saccharin on all foods except (1) (unless greatest dimen-

*UNITED KINGDOM (cont.)*

sion of container 5 cm. max.) except if amount of preserv. or antioxidant insufficient to affect the food or the ingred. or less than 5% of amount permitted in the ingred. May declar. quantity of preserv. antioxidant or saccharin.

The following generic terms may be used in the list of ingreds. for specified substances: edible, vegetable or animal oil or fat or shortening, emulsifying salts, edible or food starch, imitation cream, fish, cheese, fruit acids, vine fruits, vinegar, spices or mixed spices, herbs or mixed herbs (1% max. for herbs or spices) edible gums, meat or other meat (under special circumstances), cereal binder.

There are requirements for prepacked food for sale other than retail and food, other than prepacked, for sale by retail, vending machines, and food as respects flavours. Special requirements for acetic acid, chocolate liqueurs, dried food, dry mixes, intoxicating liquor, other liquor, tenderised meat, processed peas, use of the words "milk", "butter" and "cream". Claims: general, energy, calorie and protein claims; vitamins and minerals; slimming claims; diabetic claims; tonic, restorative and medicinal claims—specific requirements laid down. Details given of manner of labelling inc. type size and position of certain declarations. Approp. design for certain fish species listed.

## THE WEIGHTS & MEASURES ACT, 1963

This Act lays down requirements for marking the labels of prepacked food by weight, capacity, or number.

**Marking by Weight.** Packages of less than one ounce are exempted. Net weights are normally required, except where the wt. of the wrapper or containers does not exceed certain specified figures (which vary for particular classes of food), when declaration by gross weight is optional.

The following foods must only be packed in fixed net weights, i.e. 1, 2, 4, 8, or 12 oz., 1, 1½, or multiples of 1 lb.: cereal breakfast foods (except biscuit breakfast foods), tea, cocoa, chocolate powder, coffee (or mixtures with chicory) except liquid essences, honey (except chunk or in the comb), jam, jellies, and marmalade (except diabetic products), molasses, syrup, treacle, salt* (except lump), sugar (caster, granulated, cube, or icing), dried beans, lentils, or peas, barley kernels, pearl barley, rice, sago, semolina, tapioca, cereal flours, and flour products (cake flour, cornflour, macaroni, etc., except cake or sponge mixtures, blancmange, and custard powders). The following may be labelled with gross weight where the package in quantities of 2, 4, 8, or 12 oz., 1, 1½, or multiples of 1 lb. does not exceed the stipulated maximum: butter, cooking fat, lard, margarine, shredded suet, dried fruits or fruit salad, oatflakes, oatmeal, rolled oats, sugar (other than caster, gran., cube, or icing) (metric sizes proposed).

**Foods Exempted from Marking of Contents.** Meat pies, or puddings, poultry, poultry pies, sausage rolls, natural cheeses other than Cheddar or Cheshire, biscuits in packs of less than 4 oz., bread, condensed or dried milk, flour confectionery (except uncooked pastry), iced lollies and water ices, shortbread less than 4 oz., or in pieces of 8 oz.

or more, single toffee apples, easter eggs, figurines of chocolate or sugar, rock or barley sugar sticks, single articles of sugar or chocolate confectionery weighing less than 3 oz.

**Foods to be Sold by Number.** Cereal biscuit breakfast food where biscuits over ¼ oz., fruit preservative tablets, rennet tablets, saccharine or sweetening tablets, soft drink tablets, shell eggs, vanilla pods.

**Trade Descriptions Acts, 1968 and 1972.** Prohibition of false trade descriptions on product and in advertising, false or misleading indications of price, royal approval, supply of goods or services. The 1972 Act requires country of origin to be marked on goods where a U.K. name or mark is on goods or mark is likely to be taken for U.K. name unless the U.K. name not reasonably visible at time of purchase. Blends and mixtures of foods and sets of articles intended to be used for the same general purpose and prepacked for supply together, manufactured or produced in more than one country are exempt if accompanied by conspicuous indication that the foods were manufactured or produced in more than one country and no country is specifically indicated as the country of manufacture or production.

### CODES OF PRACTICE

Codes of Practice were negotiated several years ago between a number of manufacturers and the Ministry of Food, and published in the Advertising, Labelling & Composition of Foods (H.M.S.O. 1949, but now out of print). Several of them have either since been cancelled, revised, or out-dated by Food Standards Orders. For some years, however, the Ministry has ceased to interest itself in Codes of Practice and in recent years a newly formed Local Authorities Joint Advisory Committee on Food Standards (LAJAC) has been negotiating new Codes and revising existing ones. Six LAJAC Codes have so far been issued. See Table below.

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**metric sizes salt and pasta also.*

## List of Codes of Practice (U.K.)

| | | |
|---|---|---|
| Cocoa Powder and Drinking Chocolate | C.P.1 | The Advertising, Labelling & Composition of Food (H.M.S.O., 1949). |
| Fish | C.P.2 | ,, ,, |
| Fish Pastes and Spreads | C.P.3* | ,, ,, |
| Canned Soups | C.P.4† | ,, ,, |
| Bakery Trade Hygiene | C.P.6 | ,, ,, |
| Spa Waters | C.P.8 | ,, ,, |
| Wines & Spirits | C.P.9 | The Advertising, Labelling & Composition of Food (H.M.S.O., 1949). |
| Tea and Coffee | C.P.10 | ,, ,, |
| Salt | C.P.11 | ,, ,, |
| Shredded Suet | C.P.12 | ,, ,, |
| Macaroni Products | C.P.14 | ,, ,, |
| Medicated Food and Drinks | C.P.15 | ,, ,, |
| Malted Milk | C.P.16 | ,, ,, |
| Herbs and Mixtures of Herbs | C.P.17 | ,, ,, |

*UNITED KINGDOM* (*cont.*)

| | | |
|---|---|---|
| Essences and Flavourings | C.P.18 | The Advertising, Labelling & Composition of Food (H.M.S.O., 1949). |
| Biscuits | C.P.20 | |
| Horseradish Sauce, Horseradish Cream, etc. | C.P.22 | Food Standards and Hygiene Division, Min. Agr. Fish. & Food |
| Meat Paste or Spread | C.P.23 | ,, ,, |
| Cream Hygiene | | ,, ,, |
| Milk vending, dispensing machines | | ,, ,, |
| Cream, fresh | | NDA and APHI Code of Practice |
| Retail Fish | | **Food Hygiene C.P.3. |
| Transport and handling of fish | | ,, ,, C.P.4. |
| Poultry dressing and packing | | ,, ,, C.P.5. |
| Bakery Trade | | ,, ,, C.P.6. |
| Vending machines | | ,, ,, C.P.7. |
| Meat trade (supersedes Nos. 1 & 2) | | ,, ,, C.P.8 |
| Microwave cooking | | ,, ,, C.P.9. |
| Use of word "Butter" in Chocolate and Sugar Confectionery | | Circular M.F. 21/51. |
| Description of Non-Alcoholic Liqueur Chocolates | | Circular M.F. 2/52. |
| Use of the word "Chocolate" in Flour Confectionery | | LAJAC Code No. 1. |
| Labelling of Brandy | | LAJAC Code No. 2. |
| Crab Meat Content in Norwegian Canned Crab Products | | LAJAC Code No. 3. |
| Canned Fruit and Veg. | | LAJAC Code No. 4. |
| Canned Beans in Tomato Sauce | | LAJAC Code No. 5. |
| Marzipan, Almond Paste, Almond Icing | | LAJAC Code No. 6. |

* Since revised. † and Circular M.F. 3/54.

**MAFF & Min. Hlth./DHSS

## IRRADIATION

*The Food* (*Control of Irradiation*) *Regulations*, 1967, S.I.385; 1969, S.I.1039 (S.84); 1972, S.I.205.

Irradiation of food for human consumption prohbd., except that maximum of 50 rad may be used.

# YUGOSLAVIA

## COCOA, CHOCOLATE, AND CONFECTIONERY

**Cocoa Powder.** Fat, min. 16% (if 10%-16%, must be described as "non-fatty"; if below 10%, product not be sold as food); moisture, max. 8%; ash, max. 12%, sand, max. 0.3% (both on fat-free dry matter).

**Solubilized Cocoa Powder.** Ash max. 18% (on dry, fat-free matter); added alkali, max. 2.5% (as $K_2CO_3$); no alkalinity to litmus.

**Sweetened Cocoa Powder.** Sugar, max. 70%; cocoa butter, min. 5%. Labelling: statement of percentage compn.

**Sweetened Cocoa and Milk Powder.** Cocoa powder, min. 20%; cocoa butter, min. 5%: sugar, max. 50%. (If less than full cream milk used, declar. "sweetened cocoa powder with skim-milk".) Labelling: statement of percentage compn.

**Chocolate.** Cocoa butter, min. 22%; sugar, max. 60%; moisture, max. 1.5%.

**Chocolate Couverture.** Cocoa mass, min. 32%; total cocoa butter, min. 35%; sugar, max. 50%.

**Dessert Chocolate.** Cocoa mass, min. 35%; cocoa butter, min. 30%; mass plus cocoa butter, min. 50%; sugar, max. 50%.

**Milk Chocolate.** Cocoa mass, min. 15%; mass plus cocoa butter, min. 25%; milk solids, min. 13% (incl. min. 3.2% milk fat); total fat, min. 30%.

**Chocolate Desserts.** Chocolate mass. min. 40% (filled desserts), 25% (coated desserts), 35% (filled chocolate).

**Chocolate Syrup.** Cocoa ingreds., min. 22% (incl. cocoa butter, min. 8%). Labelling: percentage compn.

**Chocolate (General).** Optional: vanilla, vanillin, ethylvanillin; lecithin, max. 3%; other emulsifiers, if registered with Yugoslav Health Inspection; sugar may be replaced by max. 20% of corresp. amt. glucose. Nuts, raisins, orange peel, candied fruit, coffee and the like, max. 30% of total wt. of product (if coffee, min. 2% roasted coffee). Additions must be named in the designation. Declar. of alcohol content if over 0.5% absolute.

**Chocolate Bars.** Net wt. must be stated (if over 50 g.). Tolerance, 3% (up to 100 g.), 2% (over 100 g.); if filled choc. or choc. with nuts or fruit, 5% (up to 100 g.), 4% (over 100 g.). Protective wrappings requd.

**Confectionery.** Filled boiled sweets: fruit fillings, min. 25% of total; other fillings, min. 20%. Dragees: kernel, min. 2/3 of finished wt. Milk caramels: min. 6.5% milk solids; moisture to exceed 5%. Chocolate caramels: cocoa mass, min. 3%. Coffee caramels; roasted coffee, min. 2.5%. Hazel nut caramels: ground roasted hazels, min. 5%. (All caramels also as for milk caramels.) Jellies: total solids, min. 72%; sugars, min. 60%. No artificial sweeteners in confectionery.

## FISH PRODUCTS

**Fish Preserves.** Optional: brine, salt, acetic acid, sod. glutamate, hydrol. protein, spices. Preserv., antioxidants or other additives prohbd. Salt max. 3.5% in flesh of large salt-water fish (exc. tuna), 3% in small salt-water fish, 2% in fresh-water fish.

*YUGOSLAVIA (cont.)*

**Fish Semi-preserves.** Unpasteurized prod. may contain vinegar. When salt content less than 10%, sorbic acid, sod. or pot. sorbate may be added, max. 0.2%. Caviar, salt max. 6%; colouring prohbd.; preserv. sorbic acid or salts, max. 0.2%, or mixt. of these salts, max. 0.1% with hexamethylene tetramine, max. 0.05%.

## FRUIT AND VEGETABLE PRODUCTS

**Canned Fruit.** No added colour. Nat. flavours only.

**Jams and Jellies.** Sorbic acid, pot. sorbate, formic acid, max. 0.1 g/l. for surf. treatment. Nat. flavours.

**Fruit Juices.** Nat. flavours. Perm. clarifying agents listed.

**Fruit Pulp.** Optional: pectin, agar, sod. alginate.

**Canned Vegetables.** Optional: Sugar and salt, max. 2% citric, ascorbic, tartaric, lactic acids. Canned cucumbers and peppers only, acetic acid, max. 1.5%.

**Pickles.** Optional: sugar. Salt, max. 3% of added liquid. Sorbic acid or pot. sorbate, max. 0.13%.

**Vegetable Purees.** Optional: sugar. Salt, sod. glutamate, max. 2%. Sorbic acid or pot. sorbate, max. 0.25%. Artif. flavours prohbd.

**Vegetable Juices.** Optional: sugar, max. 5%, salt, max. 1%, acids as canned vegetables, carbon dioxide.

**Tomato Concentrate.** Sod. benzoate, max. 0.1%. Sorbic acid or pot. sorbate, max. 0.13%.
Synth. flavours or colours prohbd in sterilized or pasteurized vegetables.

## MILK PRODUCTS

Ferm. or unferm. beverages deriv. from milk may contain sugar and nat. fruit flavours. Conc. milk, disod. phosphate, max. 0.08%. Sweetened cond. milk must contain min. 40% sugar. Sterilized fresh cream, disod. phosphate, max. 0.05%. Butter and canned cream, salt, max. 2%. Processed cheese, phosphates, max. 3%; citrates, max. 4%.

## MEAT PRODUCTS

Ascorbic acid permitted. Pickled meats, max. 200 p.p.m. nitrites. Polyphosphates prohbd.

## SALT

**Iodized Salt.** Potass. iodide, min. 5 p.p.m., max. 15 p.p.m.

## SUGAR AND SUGAR PRODUCTS

**Sugar.** Optional colouring. ultramarine.

**Invert Sugar.** Water, max. 35%; ash, max. 0.5%.

**Glucose.** Water, max. 16%; ash, max. 0.6%; reducing sugars, min. 40% as dextrose (on dry matter) (variations allowed for special manuf. purposes); $SO_2$, max. 40 p.p.m. (more allowed for manuf. purposes if amt. declared).

## COLOURING MATTERS

Certain natural colours and artificial colours as in Tables, pp. 800-806, may be used.

## PRESERVATIVES

Salt, pickling brine, vinegar, acetic acid, lactic acid and alcohol are acceptable. Also the following foods may contain other preservatives as shown—Caviar: hexamethylene tetramine, max. 0.1% canned unsterilized fish: hexamethylene tetramine, max. 0.025%, or benzoic acid, max. 0.25%; fruit pulp: $SO_2$, max. 0.20%; fruit fruits tomato pulp. max. 0.25%; juice,pulp for processing to syrups and concentrates: formic acid, max. 0.25%; rennet: boric acid, max. 3%.

### ANTIOXIDANTS

In fats and oils the following may be used. Alkyl gallates, BHT, NDGA, max. 0.01%; BHA, max. 0.02%. As synergists, in min. amts. necessary, may be used tartaric, citric, and ascorbic acids.

### DIETETIC FOODS

These are subject to registration with the Health Inspectorate, full details of the article and medical attestation of its value and suitability for use being required. Label must show quantitative composition; instructions for preparation and use; date of manuf.; and (displayed prominently), period during which it can be kept. If curative properties claimed, the statement on this must be approved by the Health Inspectorate.

Artificial sweetener (saccharin; others only by special licence) may be used only in foods for diabetics.

### LABELLING

Labels must show designation of the food; nature and amt. of preserving agent; name and address of manufacturer or packer; date of production; if prescribed, a list of essential ingreds. as percentages, or in Yugoslav units of measurement; indication of registration and time limit for consumption; net wt. or vol. in Yugoslav units. Declarations to be in one of the Yugoslav languages; this need not exclude use also of a foreign language. Must be no emphasis that a foodstuff possesses therapeutic qualities (with certain permissible exceptions).

## EUROPE, EAST

In general foreign goods must be imported through a trade association and they will advise as to the regulations. This applies in all the following countries:

BULGARIA
CZECHOSLOVAKIA
GERMANY (Democratic Republic)
HUNGARY
POLAND
RUMANIA
U.S.S.R.

## POLAND

### COLOURING MATTERS

Milk, fresh or sour cream, curds, tea, coffee, cocoa, spices, honey, citrus fruit, chocolate and choc. fillings, cocoa-based icings for coating choc., meat and meat prods., fish and fish prods. (except cod slices and fillets), nat. and artif. casings for meat prods., edible oils, all may not be coloured. Hard cheese and margarine Annatto and Carotene only. Caramel only for wine, cognac, brandy, rum, arrack, hydromel, beer, vinegar. Natural colours only for fruit and veg. prods., conc. soups (curcumin only), non-alc. bevs., fruit syrups, ices, pasta, bakery prods., flour confectionery, natural and artif. flavours.

## U.S.S.R.*

### COLOURING MATTERS

Colouring matters permitted in foods are restricted to the following: Sugar confectionery, carmine, saffron, indigo, safflower, amaranth, indigo-carmine and tartrazine. Refined sugar (cast): ultramarine, "US" brand. Aerated and non-aerated non-alcoholic beverages and syrups prepared from artificial essences: amaranth, tartrazine. Beverages: amaranth, tartrazine. Liqueur-vodka products (liqueurs and fruit liqueurs): carmine safflower, indigo, saffron, amaranth. Margarine and butter: carotene, annatto. Naturally coloured foodstuffs may be used as colouring ingredients in other foods.

### ANTIOXIDANTS

BHA and BHT, 0.01% in fats. Dodecyl gallate, 0.01% in fats for food concentrates.

### PRESERVATIVES

Fruit preserves, $SO_2$, max. 20 p.p.m. (free), benzoic acid, max. 700 p.p.m. Fruit juice for beverages, $SO_2$, max. 100 p.p.m. (30 p.p.m. free), sorbic acid, max. 1000 p.p.m., benzoic acid, max. 1000 p.p.m. Jams, $SO_2$, max. 100 p.p.m. Dried fruit, $SO_2$, max. 1000 p.p.m. Dried potatoes, $SO_2$, max. 400 p.p.m. Dried cabbage, $SO_2$, max. 600 p.p.m. Cheese, sorbic acid, max. 2000 p.p.m. Bread and bakery products, sorbic acid, max. 1200 p.p.m. Dry gelatine, $SO_2$, max. 1000 p.p.m. Margarine, sod. benzoate, max. 1000 p.p.m. Non-alcoholic beverages, sorbic acid, max. 300–500 p.p.m.

### FLAVOURING AGENTS

There is a permitted list of synthetic and natural flavours which may be used in confectionery, ice cream, non-alcoholic beverages, syrups, dessert powders and alcoholic beverages. Vanillin may be used in biscuits, bread, melon, cherry and grape jams, chocolate butter, ice cream, alcoholic and non-alcoholic beverages, custards, milk puddings and confectionery. Diacetyl may be used in margarine, toffee and butter.

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* *See beginning of section p. 779*

# MIDDLE EAST

## BAHRAIN

*As for country of origin*

## EGYPT

### FATS AND OILS

**Edible Fats and Oils.** Water, max. 0.5%; acidity, max. 2.24% (as oleic). Labelling: blends must show kinds and proportions of ingreds., and be declared as blended; not to be named by one of ingred. names. Certif. from a responsible authority in country of origin that product conforms with requirements.

**Butter.** Fat 80% min.; water 18% max. or 16% if salt.

**Margarine.** Fat 80% min.; water 18% max.; salt 3% max. (Milk fat, 10% max.).

### FRUIT AND VEGETABLE PRODUCTS

**Canned Fruits and Vegetables.** Optional: harmless colouring (see below). Certif. reqd. from a responsible authority in country of origin that no harmful colours or copper compounds present.

**Jams, etc.** As for Canned Fuits and Vegetables. $SO_2$, max. 40 p.p.m.

**Canned Tomatoes.** In tomato juice or brine (salt in brine, max. 2%). Optional: calcium chloride, max. 0.7%.

**Tomato Juice.** Total solids, min. 4%.

**Tomato Paste.** Tomato solids, salt- and sugar-free, min. 33% (by drying in vacuo at 70°C).

**Tomato Sauce.** Tomato solids (as for tomato paste), min. 22%.

**Tomato Cocktail.** Tomato solids, min. 6%. Optional: salt, sugar, spices, vinegar, wine.

**Tomato Soup.** Salt and/or sugar, butter, spices. Tomato solids, min. 8%.

**Tomato Products, General.** No added colour or preserv. Optional (except canned tomatoes): salt, max. 2%; sugar, max. 2%. Tin, max. 300 p.p.m.; copper, max. 50 p.p.m.; lead, max. 6 p.p.m. (all on dry basis). Imports: certif. requd. from a responsible authority in exporting country to show that product has been produced in conformity with above standards (as well as requirements for condition and purity of materials, which are those of good commercial practice). Labelling (in Arabic): official designation; name of manufacturer and place of manuf.; net wt.; date of production.

### VINEGAR PRODUCTS

**Tomato Sauce (Piquant).** Tomato solids, min. 12%. With salt, sugar, vinegar, spices. Optional: permitted colour (declar.); benzoic acid (or equiv. sod. salt), max. 0.1% (declar. by name)

### COLOURING MATTERS

See Tables, pp. 800-806.

### PRESERVATIVES

As for similar products shown under U.K. regulations 1925 (except: Jams, max. 40 p.p.m. $SO_2$; dried raisins, max. 1500 p.p.m. $SO_2$; non-alc. wines, and cordials, max. 350 p.p.m. $SO_2$ or 1000 p.p.m. benzoic acid; tomato sauce ("piquant"), max. 1000 p.p.m. benzoic acid). Declar. reqd. (in Arabic) showing type and proportion used, in lettering of min. 3 mm. (closed containers), 1 mm. (open containers).

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## IRAN

Foods in containers or wrappers must be sold under a "trade mark" which must be registered in Iran, and must have Iranian Min. of Health permit authorizing manuf. and/or marketing in Iran. Products must be labelled to show (a) commercial name and address of manufacturer, with country of origin; (b) registration no. of trade mark in Iran; (c) no. and date of Min. of Health authorization.

### COLOURS

See Tables, pp. 800-806.

## IRAQ

*As for U.K.*

## ISRAEL

Some Israel Standards for particular foods have been granted Official status.

### CHOCOLATE PRODUCTS

**Chocolate.** Sugar, max. 60%; cocoa butter, min. 21%

**Full-milk Chocolate.** Sugar, max. 60%; cocoa ingredients, min. 25%; milk solids, min. 12% containing 3.2% milk fat.

**Milk Chocolate.** As for full milk except no specification for milk fat.
**Mixed Chocolate.** Any of above with nuts and fruits.

**Labelling.** Flavouring substances other than vanilla or vanillin to be declared. No declaration required for lecithin.

### JAMS, JELLIES, AND MARMALADES

**Fruit Content.** Jams, min. 40%; marmalades, min. 30%, jellies, min. 45%. Sol. solids, 68% (plum jam, 65%).

**Sweetening Ingredients.** Sucrose, invert sugar, dextrose and glucose syrup (max. of last two 15% of total sweeteners.

**Other Ingredients.** Pectin; adipic, citric, tartaric, lactic, malic, and orthophosphoric acids. Flavouring materials or permitted colours to be declared. $SO_2$ max. 120 p.p.m. or benzoic acid, 500 p.p.m. or parahydroxybenzoic acid esters, 500 p.p.m., or sorbic acid, 500 p.p.m., or a mixture of any of these (declar.). Sizes of containers specified.

### EMULSIFIERS AND STABILIZERS

Permitted list issued 1966.

**PRESERVATIVES** (incl. antioxidants) Permitted list issued 1965 amended 1970.

### COLOURS

See Tables, pp. 800-806.

## JORDAN

*As for country of origin*

## KUWAIT

There are some regulations on certain products. In general foods complying with country of origin are acceptable. See list of permitted colours, Tables, pp. 800-806. Foods must be accompanied by certif. or origin and certif. that food does not contain cyclamate, from health authority.

## LEBANON

**Canned Goods.** Labelling (in Arabic if poss. but English or French acceptable): date of packing, ingredients, net wt., date for consumption (unless exempted by Min. of Health).

### COLOURING MATTERS

Adheres to W.H.O. lists, or country of manufacture or EEC list.

## LIBYA

*British goods prohibited*

## QATAR

*As for country of origin*

## SAUDI ARABI

*Similar to but not identical with U.K.*

## SOUTH YEMEN (ADEN)

*As for U.K.*

## SYRIA

**INFANT FOODS, BABY FOODS**

Samples to be submitted for analysis to Min. of Public Health and a certif. of purity obtained.

**OTHER FOODS**

Foods prepd. as for U.K. should be satisfactory.

## UNITED ARAB EMIRATES

*As for country of origin*

# OCEANIA

## AUSTRALIA

Each State has its own regulations which differ slightly from those of other States.

[N.S.W. = New South Wales; Vict. = Victoria; S.A. = South Australia; Tas. = Tasmania; Queens. = Queensland; W.A. = Western Australia.]

### BAKERS' PREPARED MATERIALS

**Lemon Cheese, Lemon Butter, Lemon Filling.** (N.S.W. & S. A.) Butter, eggs, sugar, flavouring derived solely from lemon, glucose (max. 15%), only. (N.S.W., Queens.: permitted colouring.)

**Lemon Butter** (not N.S.W.). Butter, eggs, sugar, citric acid, water and flavours derived solely from lemons with or without glucose and permitted colours. Butter fat (min.) 4%; egg solids min.) 1.5%.

**Fruit Flavoured Spread or Filling** (not N.S.W.). Sugar, oils or fats (min. 2%), other wholesome foods, flavours wholly from fruits. Optional: permitted colours and 2% *modifying agents* (see p. 792).

**Imitation Fruit Flavoured Spreads or Filling** (not N.S.W. or S.A.). As for *Fruit Flavoured Spreads*, except that artificial flavours used.

**Marzipan, Almond Paste and Almond Icing.** Ground almonds (min. 20%) with sugar and/or glucose. Optional: egg, water, acetic, citric, tartaric or lactic acids, flavours solely from almonds, permitted colours and modifying agents. Max. content of HCN, 50 p.p.m.

**Kernel Paste, Imitation Almond Paste, Imitation Marzipan.** As for *Marzipan* substituting ground kernels for almonds.

### BEVERAGES, NON-ALCOHOLIC*

**Fresh Fruit Juices, Canned Fruit Juices** (Queens. only). Vitamin C, min. in mg./100 ml.: orange, 30; lemon, 25; pineapple, 8. No added flav., colour, or preserv.

**Fruit Juices.** No abstraction of natural constituents. Permitted colour (declar.) except in Tas. and Queens. Preserv. (declar. of amt.): $SO_2$, max. 2 grains/pint (115 p.p.m. N.S.W.), or benzoic acid, max. 7

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* *All states: sorbic acid may be substituted for benzoic in same amount.*

*AUSTRALIA (cont.)*

grains/pint (400 p.p.m. N.S.W.).* *Lime juice and lemon juice* (not Queens.): natural citric acid, min. 6.0%. (N.S.W.: 6.5%, lime juice; 5.5%, lemon juice.) *Orange juice* (S. A. only): total solids, min. 10%; sugars, min. 8.5%; citric acid. max. 2.1 g/ 100 ml. (Vict.: fruit acids may be added, except to lime or lemon.) Vitamin C (Vict. only), min. in mg./fl. oz.: orange, 11.5, lemon, 10, grapefruit, 8.5, orange and grapefruit, 10, tomato, 5, black-currant, 20. Declar. of amt., and that daily min. requirement is 30 mg.

**Concentrated Fruit Juices.** Fruit juices from which at least 50% water evaporated. Preserv. and colour as for fruit juices. (Vict. and S.A.; preserv.: $SO_2$ max., 5 grains/pint (600 p.p.m. N.S.W.); benzoic acid, 17.5 grains/pint (2100 p.p.m. N.S.W.), if labelled with directions for dilution to standard for fruit juices.) (Vict.: fruit acids may be added, except to lime or lemon.)

**Fruit Juices for Infants** (N.S.W.). Sol. solids (refract.), max. 20%; vit.C, min. 15 mg./fl. oz.; ratio sol. solids to anhydr. citric acid, min. 12:1; must pass sieve max. 0.027 in. diam. openings. Optional: soft tissue of fruit cells, added vit.C, sugar. Labelling: statement as prescribed of vit.C content, and that daily min. requirement of vit.C is 30 mg.

**Fruit Juice Drinks for Infants** (N.S.W.). Fruit juice of kind named, min. 50%; vit.C, min. 15 mg./fl. oz. Optional: added citric acid, added vit.C. Otherwise as for Fruit Juices for Infants (except sol. solids requirements).

**Soft Drinks and Bases** (N.S.W., Vict.). *Fresh Fruit Drink:* Fruit juice, water, opt.: sugar, carbonation. Fruit juice, min. 50% (Lemon juice, min. 10%). *Fruit squash drink:* as above but from juice or concentrate. No flavours, colours or preservatives to either. *Fruit drinks:* Fruit juice, min. 5% (passion fruit, min. 3.5%). Optional: as above and glucose, flavours, tartaric, lactic acids, colour, preserv., $SO_2$, max. 115 p.p.m.; benzoic, sorbic acid, total max. 400 p.p.m. Artif. sweeteners (Vict.) *Fruit-flavoured drinks:* flavours, fruit essences, otherwise as for fruit drinks. Artif. sweeteners (Vict.) *Kola-type soft drinks:* caffeine, max. 145 p.p.m.; phosphoric acid, max. 570 p.p.m.

**Fruit Juice Cordials or Syrups.** Fruit juice with water and sugar. Optional: citric, tartaric or lactic acid, lemon juice (N.S.W. only), permitted colour (declar. except for caramel), glycerine max. 10% (not Vict., Tas., Queens.), glucose (N.S.W., Queens. only), sod. alginate (Vict., max. 0.3%; Tas., max. 0.1%). Fruit juice of kind named, min. 20% (S. A., 12.5%; Tas., 25%, except black-currant, 40%; N.S.W., 12.5% for pineapple, strawberry, passion fruit). Sugar, min. 25%. (S.A. 33%). No foreign flavours. Preserv. (declar. of amt.) as for fruit juices, if no glycerine used (Tas.: if benzoic used, $SO_2$ also allowed as antioxidant, max. 100 p.p.m., without declar.). Declar. of names of fruits. (N.S.W., principal fruit only). *Lime juice cordial:* natural citric acid, min. 1.3% (W.A.,

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* *Note on preservatives (N.S.W., Queens., Vict.): when choice of two preservs. allowed for any product, both may be added if ratios of amt. of each to max. permitted, when used alone, total not more than unity.*

2.0%, Queens., S.A., no min.); colour, only caramel. No added acid. *Lemon juice cordial:* natural citric acid, min. 1.1% (W.A., 2.0%; Queens., S.A., no min.;) no added colour. No added acid. *Blackcurrant syrup* (Tas.): sol. solids (refract.) max. 55%; ascorbic acid, min. 40 mg./100 ml. No additions other than sugar and preserv. *Reinforced blackcurrant syrup* (Tas.): optional, added ascorbic acid, total min. 100 mg./ 100 ml.

**Low Calorie Fruit Juice Cordials or Syrups.** (Queens. only): as for fruit juice cordials but no added sugar; may contain saccharin, calcium cyclo-hexyl sulphamate or other approved sweetener.

**Concentrated Fruit Juice Cordials or Extracts.** (N.S.W., Queens.): Concd. form of earlier item, labelled with directions for dilution to such. Preserv.: $SO_2$ or benzoic acid to give not more than permitted amt. when diluted as prescribed.

**Flavoured Cordials or Syrups.** Fruit or veg. essences or extracts, water, and sugar (N.S.W., Tas.: sugar, min. 25%). Optional: glucose, citric, lactic, tartaric acids (Tas., malic also), permitted colour declar. except for caramel), glycerine, preserv. as for fruit juice cordials; also (only Vict., max. 0.3%, S.A. and Tas., max. 0.1%) sod. alginate, and (Vict. only) saccharin, max. 15 grains/gal. No foreign flavours.

**Concentrated Flavoured Cordials or Syrups** (Vict.). As for Flav. Cordials or Syrups; except saccharin, max. 40 grains/gall., if when diluted as directed saccharin is max. 15 grains/gal. Labelling: directions for dilution to a Flav. Cordial or Syrup complying with standard.

**Flavoured Cordial (or Syrup) Bases** (N.S.W.). As for Flav. Cordials or Syrups; preserv. in amt. such that when product diluted as directed, preserv. will not exceed that allowed for beverage. Labelling: directions for dilution to Flav. Cordial or Flav. Syrup or Flav. Summer or Temperance Drink complying with appropriate standard.

**Low Calorie Flavoured Cordials or Syrups.** (Queens. only): as for flavoured cordials but no added sugar; saccharin, calcium cyclohexyl sulphamate or other approved sweetener optional.

**Flavoured Cordial Extracts, Concentrates or Essences** (Queens. only): Concd. form of flavoured cordials or syrups, labelled with directions for dilution to such. Preserv.: $SO_2$ or benzoic acid to give not more than permitted amt. when diluted as prescribed.

**Imitation Cordials or Syrups.** Harmless synthetic or artif. flav., water, and sugar. Optional: sugar, glucose, acid, glycerine, permitted colour (declar. except for caramel), preserv. as for flavoured cordials; also acetic acid, vinegar. (Vict.: alginate, saccharin as for flavoured cordials). Labelling as "imitation".

**Concentrated Imitation Cordials or Syrups** (N.S.W.: *Imitation Cordial (or Syrup) Bases*). Concd. form of preceding item; labelled with directions for dilution to such, or to summer or temperance drinks. Preserv.: such as to give not more than permitted amt. when diluted to standard prescribed (but Vict., Tas. and S.A.: $SO_2$, max. 5 grains/ pint; benzoic acid, max. 17.5 grains/pint; and Vict., saccharin max. 40 grains/gal., alginate, max. 0·3%).

*AUSTRALIA (cont.)*

**Compound Cordials.** (N.S.W. and Tas. only). Cordials not otherwise standardized, such as orange bitters, sarsaparilla, ginger, non-alcoholic bitters, peppermint, cloves, tonic bitters, and the like; the appropriate veg. extracts, infusions or tinctures, with water and sugar. Optional: glucose (N.S.W. only), citric, tartaric or lactic acid (Tas.: or malic), harmless veg. flavour, permitted colour (declar.), glycerine (max. 10%), preserv. as for fruit juices (if no glycerine).

**Fruit Squash.** Expressed juice, with or (N.S.W. and Queens.) without pulp. Optional: sugar, glucose (N.S.W.), glycerine (N.S.W., max. 10%), permitted colour (declar.), preserv. as for fruit juices (if no glycerine), lemon juice to other squashes, max. 25% of total juice used (N.S.W. only). *Lemon squash*, max. 1% insol. solids in juice used; *orange squash*, max. 1.5% (N.S.W. and Queens.).

**Fruit Squash Cordials.** (Vict. and S.A. only). Fruit squash (min. 20% of unsweetened) with water and sugar (min. 25%, S.A.). Optional: permitted colour (declar.) preserv. as for fruit juices, sod. alginate, max. 0.3%. No added flav.

**Quinine Tonic Water.** Quinine: min. 1/3 grain/pint, as quinine hydrochloride (declar. of content).

## COCOA, CHOCOLATE, AND SUGAR CONFECTIONERY

**Cocoa Paste, Mass, or Slab.** Fat, min. 48%. In dry fat-free matter: natural starch, max. 19%; crude fibre, max. 7%; total ash, max. 8%; water-insol. ash, max. 5.5%; ferric oxide, max. 0.4%.

**Cocoa, Cocoa Powder or Soluble Cocoa.** No min. for fat. In dry, fat-free matter: ash, max. 12.5%; alk. of ash (as $K_2CO_3$), max. 10.5% (N.S.W., by prescribed method). Dry, fat-free cocoa matter as for cocoa paste.

**Prepared, Compounded or Sweetened Cocoa.** Cocoa or sol. cocoa with other foodstuffs. Dry, fat free cocoa, min. 20% (declar. of %).

**Chocolate** (paste, drinking, prepared, confectioners', coatings, powder). Fat-free cocoa, min. 15% (excpt. Tas. 16%). Optional: lecithin, ammon. salt of phosphatidic acid (Tas. no regs.).

**Milk Chocolate.** Dry fat-free cocoa, min. 3%; milk fat, min. 4.5%; non-fat milk solids, min. 10.5% (Tas. 15% f.c. milk solids).

**Cocoa and Milk, Chocolate and Milk.** Fat-free cocoa, min. 8%. Optional: sod. alginate, max. 0.7% and/or mono- or diglycerides of fat-forming fatty acids, max. 0.5%; sol. inorganic phosphate, max. 0.3% (as $P_2O_5$).

**Compounded Chocolate.** Choc. with additions of other foods, includ. edible fats. Dry, fat-free cocoa, min. 3% (except Tas. 8%). Labelling in prescribed form, with names of added ingreds.

**Diabetic Chocolate.** *d*-Sorbitol in place of sugar. Dry, fat-free cocoa, min. 10% (N.S.W. 15%). Optional (N.S.W., W.A.): saccharin, max. 3 grains/lb W.A. and N.S.W.: total starch, sucrose, dextrose, and dextrose-producing substance, max. 5% (Vict., Queens., S.A.: no standard).

**Sugar Confectionery.** No paraffin resin or foreign mineral (but chewing gum, bubble gum, etc. may contain harmless non-nutritive masticatory substances (Vict., Queens.). Alcohol, max. 0·5% (W.A.) 1% (other States). N.S.W., S.A., Tas., Vict. W.A.: desiccated coconut must be free from pathogenic organisms. Queens.: no use of wine, spirits or other alc., liquor, or flavour described as, resembling or suggesting such; no use of word "glucose" or words of similar import unless min. 10% medicinal glucose present.

*Release agents* (all States): Diacetin, 0.01%, paraffin, 0.2%, waxes, 0.05% or shellac 0.1%, polysiloxanes, 10 p.p.m., stearic acid 0.5%, talc, 0.2% "*Modifying agents*" permitted (see p. 792).

## COFFEE PRODUCTS

**Soluble Coffee.** Anhydr. caffeine derived from the coffee, min. 3%; insol. in boiling water, max. 0.3%; no foreign substances.

**Soluble Coffee and Chicory Extract.** Amt. coffee not less than amt. chicory. Anhydr. caffeine derived from the coffee, min. 0.5%; insol. in boiling water, max. 0.3%. Optional: sugar, dextrins, mono- and disaccharides.

**Liquid Coffee Essence (or Extract).** Caffeine, min. 0.5%. Optional: sugar, glycerine, glucose (not Tas.).

**Liquid Coffee and Chicory Essence (or Extract).** Caffeine, min. 0.25%. Coffee extract, min. 50%. Optional: sugar, glycerine, glucose (not Tas.).

**Coffee and Milk.** Caffeine, min. 0.12%. Milk fat, min. 9% (Tas., no standard).

## FATS AND OILS

**Edible Fats and Oils.** No rancidity or decomposition, offensive odour or taste. Free fatty acids (as oleic acid), max. 1%. (lard, 2%). Declar. of kind or kinds and proportions. *Olive oil:* as in British Pharmacopoeia.

**Antioxidants.** Optional to edible fats and oils (not butter), salad oils, lard, margarine, dripping; propyl, octyl, dodecyl gallate, or mixtures thereof, max. 0.01%; B.H.A., max. 0.02%; mixtures of above gallates, max. 0.01%, and B.H.A., max. 0.02%; lecithin; ascorbic acid, tocopherols, with or without citric, tartaric acids. Declar. in prescribed form: nature and amt. for sales other than retail; retail sales to be labelled "contains antioxidant." (No declar. for mixed foods where antioxidant introduced by ingreds.)

## FISH PRODUCTS

**Canned Fish.** Permitted: salt, saltpetre, sugar, acetic acid or vinegar, spices, herbs, smoke, edible oils, annatto (not Tas. and W.A.); Sod-hexametaphosphate 0.5% (without declar.: N.S.W., Queens., S.A., Tas. Nitrates max. 14 grains/lb (as $KNO_3$); part may be replaced by nitrates, max. 1 grain/lb (as $KNO_2$). Fat or oil, 25% max. Labelling: declare name(s) of fish; where more than one kind, declar. per cent of each. Mixtures with starch, cereal, water, etc., min. 51% fish, max. 6% starch. Labelling: declare contents and approx. % of each ingredient; no pictorial design of fish if starch or cereal present.

**Fish Paste.** Min. 70% fish Optional: farinaceous material (no max.), other wholesome food and flav. substances, permitted colour, 0.05% max. calcined iron oxide (N.S.W. and S.A. only) (declar.). Declar. of name(s) of fish; first-named in greatest amt.

*AUSTRALIA (cont.)*

**Flavoured Fish Paste.** Contains more than one kind of fish. Optional: other wholesome food and flav. substances, permitted colour 0.05% max. calcined iron oxide (N.S.W. and S.A. only) (declar.). Min. 70% fish, of which part must be fish of the named flav. Label as: "Fish Paste" followed by name(s) of flavouring fish and veg. (if any).

## FLOUR AND FLOUR PRODUCTS

**Flour (Wheat).** Moisture, max. 15% (Queens., 14%); nitrogen, min. 1.2% (Queens., 1.5%): fibre, max. 0.5%; ash, max. 0.6%. Optional thiamine, min. 2.0, max. 2.5 mg./lb.; riboflavin, min. 1.2, max. 1.5 mg./lb.; niacin, min. 16, max, 20 mg./lb.; iron, min. 13.0, max. 16.5 mg./lb. (Declar., with name and amt. of added ingred.). Potass. iodate, max. 0.002%, ascorbic acid, max. 0·01% (W.A.). Bleaching (except Tas.) only with electrically produced ozone or oxides of nitrogen, or with chlorine or chlorine dioxide. Max. nitrite as $NaNO_2$, 3.5 p.p.m. (Queens.), 5 p.p.m. (S.A.). Declar. artificially bleached (S.A.). Improver in flour for bread; acid phosphates, as $CaH_4PO_4)_2$, max. 0·3% (N.S.W., S. and W.A., 0.7%); ammon. chloride, max. 0.06%; bromates, as $KBrO_3$ max. 0.003% (Vict. 0.002%): calcium sulphate, as $CaSO_4$ max. 0.08%. K iodate, max. 20 p.p.m. (S.A.). (Declar. in prescribed form).

**Self-raising Flour.** Sulphates, as $CaSO_4$, max. 10 grains/lb. $CO_2$ liberation, min. 45 grains/lb. Declar. of cream of tartar or phosphate aerator (N.S.W., Vict., Queens., S. and W.A.); if cream of tartar and acid phosphate, decl. of per cent. of each (Queens.) Declar. of name(s) of flour(s) present (Vict. only).

**Custard Powder, Blancmange Powder.** No labelling suggesting egg or cream. Artif. flav. and permitted colour (declar., Tas.).

**Dessert Mixes** (Queens.). Optional: alginates, if precise directions for preparing the dessert are shown on label, and amt. in dessert so prepared is max. 2.5%.

## FRUIT AND VEGETABLE PRODUCTS

**Canned Fruits.** Sweetening: sugar only (except Vict.: glucose). (N.S.W., Tas.: if packed in water, declar. "unsweetened."). Permitted colour (declar.) in raspberries and strawberries N.S.W., V., Tas. and Queens. cherries also, rhubarb in N.S.W., V., S.A. and Queens. No preserv. (except N.S.W.: maraschino cherries, $SO_2$, max. 2 grains/lb., or benzoic acid, max. 7 grains/lb.; N.S.W., S.A., Vict.: nisin if pH below 4.5). Optional (Queens., Tas.): fruit juice, citric or tartaric acid. (N.S.W., Queens., Tas.: wt. of fruit., min. 17 oz. per 30 oz. of capacity; except whole apricots, nectarines, peaches, plums, for which min. is 16 oz. per 30 oz. of capacity.) (Queens.: all packs of apricots, peaches, pears, plums, pineapple slices and pieces, drained wt. min. 50% of net contents; drained wt. determin. by draining 2 mins. on 8-in. sieve of 8 meshes/in., 0.097 in. perforations).

**Canned Peas.** Optional: permitted colour (not Tas.), (declar.), sugar, mint. Canned processed dried peas to be labelled as such. (N.S.W., alcohol-insol., max. 20% by official method; drained wt., min. 10½ oz. per 16 oz. of capacity.)

**Canned Tomatoes.** Optional: $CaCl_2$, max. 7 grains/lb. (S.A., Tas.); total Ca, incl. natural content, max. 4.5 grains/lb. (N.S.W. and Queens.); benzoic acid, max. 7 grains/lb. (Tas.). Mould count (Howard test), max. 25% (S.A., Tas.). Nisin permitted by Queens. and N.S.W. if pH below 4.5.

**Tomato Puree** (N.S.W., Tas.). Tomato solids, min. 8% (Tas., 10%); Howard mould count, max. 50%. Optional: salt (Tas., permitted colour—declar.).

**Tomato Paste** (Tas. and Queens.). Soluble tomato solids, min. 20%. (21% Queens.). Mould count as for Puree. Optional: salt, permitted colour (declar.).

**Tomato Sauce, Ketchup.** Howard mould count, max. 50% (N.S.W., S.A., Queens.). (N.S.W., Queens.: tomato solids excl. sugars, min. 4% by prescribed method; no preserv., saccharin); colour (declar.); addtn. of onions, garlic, spices and condiments permitted.

**Tomato Chutney.** N.S.W., Queens.: tomato at least 50% of total fruit and/or veg. Vict.: names of fruits or veg. ingreds. to be listed; tomato to be in greater proportion than any other if named first. S.A. W.A., Tas.: apples, max. 40%. Colouring with caramel only. Preserv:: benzoic acid, max 7 grains/lb. (not N.S.W.)

**Dehydrated Vegetables.** $SO_2$, max. 3½ grains/lb. (peas, potatoes), 7 grains/lb. (carrots), 10½ grains/lb. (cabbage, silver beet).

**Dried Fruits.** Permitted: bleaching with $SO_2$ (residue max. 21 gr/lb); surface treatment with glycerine (also N.S.W., S.A., Vict., Tas.: liquid paraffin (20 gr(eb) and Vict., Tas., olive oil emulsified with ethanolamine, max. ⅛ gr/lb).

**Jams, Conserves.** Fruit content, min. 40% (N.S.W., Queens., Vict., W.A.), 35% gooseberry, quince (N.S.W., Vict., W.A.). Min. 80 lb. (quince 75 lb., gooseb. 65 lb.) per 100 lb. sugar (Tas. only). No sulphited fruit pulp. Sol. solids, min. 66% by refract., uncorr. (Vict., N.S.W., Queens., Tas., W.A.; but Tas.: apple, quince, gooseb., melon, min. 65%.). Glucose, max. 15% (Vict., W.A., Queens.). Pectin, max. 0.3% as calcium pectate (Vict., S.A., Queens., W.A.; Tas.: sufficient for set), (declar. Vict.). Apple juice, max, 5% (not Vict., W.A.). Fruit acids, max. 0.5% (Vict., S.A., Queens.; Tas.: sufficient for set). Permitted colour (declar.) to rasp., strawb., and plum (Tas.: not strawb). and to mixtures of these (Vict.) also cherry, loganb. (N.S.W., Vict.). *Mixed jams*: all fruits to be named; first-named in larger propn. than any other (Vict., N.S.W., Queens., Tas.), or not less than 50% (other States). No preservs.

**Marmalade.** Glucose allowed (declar. S.A.). Sol. solids, as for jams, pectin, fruit acids (Vict., Queens. only).

**Fruit Jelly.** Glucose allowed (not Tas.) (declar. S.A.). Sol. solids (Tas. only), min. 65%. Pectin, apple juice, and fruit acids as for jams. *Mixed fruit jellies*: fruit named first to be present in larger proportion than any other.

## GELATINE AND GELATINE PREPARATIONS

**Gelatine.** Ash, max. 3%. A 5% aqu. soln. to form jelly in 2 hr. at 18.5°C. Copper, max. 30 p.p.m. Zinc, max. 100 p.p.m. $SO_2$, max. 7 grains/lb.; declar. if over 0.5 grain/lb. Labelling specially "for food."

*AUSTRALIA (cont.)*

**Jelly Crystals, Tablets, etc.**

*Fruit Jelly Crystals* (Tas. only): preps. of gelatine, sugar, citric or tartaric acids, flavoured and/or coloured with substances derived wholly from fruit.

*Jelly Crystals and Tablets:* preps. of gelatine, sugar and/or glucose with citric, tartaric, or lactic acids, flavours, permitted colours.

*Jelly Cubes:* preps. of gelatine, water, sugar, and/or glucose with acids, etc., as for *Crystals.*

*Jelly Mix:* preps. of alginates, pectin, agar, or edible gums (with or without gelatine). Other ingredients as for *Crystals.*

*Labelling:* Appropr. name in min. 8 pt. caps. *Jelly Mix* also "contains a vegetable gelling substance (and gelatine)". Declare artif. colours or flavour. Statement of amount of water to be added per package or amount (pints or fl. oz.) of jelly contents will make.

## INFANT FOODS

Fibre, max. 0.3%. No matter insol. in N/10 HCl. No preserv. No rancidity. If advertised, etc., as suitable for infants under 6 mth., food prepared as directed for an infant of 1 mth. to have min. fat 2.1%, min. lactose 4%. Statements required: (a) Date packed. (b) Sources of protein and fats; nature of carbohydr. (c) Compn. % when prepd. as directed for an infant of 1 mth. (d) Average compn. of human milk, as protein 1.5%, fat, 3.5%, lactose, 6.5% ash 0.2%. (e) Calorific value of quantity recomm. per day for 1 mth. infant. (f) Average calorie requirement at 1 mth., to be taken as 400 calories. (Statements c, d, e, f, in prescribed form.) (g) Exact directions for prepn., incl. statement of wt. corresp. to measure of amt. directed to be used in the prepn. (h) Av. amt. of prepd. food to be given at one time, and no. of times per day (for each month up to six). (Statements c, d, e, f, h, not reqd. if labelled "unsuitable for infants under the age of six months".)

## INVALID AND DIETETIC FOODS

No preserv. or other foreign subst. Statement of ingreds. on which claim of suitability for invalids is based. *Foods for diabetics* (N.S.W., Vict., Queens.): Statement of nature and % of carbohydr., fats, proteins, and calorific value per g. (Queens., per oz.). Optional (not Queens.), saccharin, glycerine. (N.S.W.; also sorbitol). (Queens. only: calcium cyclo-hexyl sulphamate or other approved sweetener; sugar prohibd.) Declar. of saccharin, glycerine, (N.S.W., Vict.) sorbitol (N.S.W.). *Low-calorie food* (Queens., W.A.). Optional: saccharin, calcium or sod. cyclohexyl sulphamate. *Coeliac disease* (Vict.) glucono-delta-lactone, 7% wt. of flour.

## MEAT PRODUCTS

**Meat Pastes.** Meat content, min. 70% (N.S.W., Vict., W.A.). No limit for starchy additions. No colouring. Labelling: names and min. amts. of meats present (names only, Vict., Queens.); if two or more kinds, first-named in greatest proportion.

**Canned Meat Products.** Potass. or sod. nitrate, max. 14 grains/lb. (as $KNO_3$). Potass. or sod. nitrite, max. 1 grain/lb. (as $KNO_2$). Total nitrate and nitrite, max. 14 grains/lb. Salt, max. 3%, sol. inorg. phosphates, max. 0.3%, as $P_2O_5$. Canned corned brisket, and canned products with pork as main constit.: fat content max. 30% of total meat (50% for canned bacon, 20% for other meat products). Canned meat, solid pack: meat, min. 95% (tongues, trotters, galantines, min. 80%, with optional gelatine and/or agar). Canned meat with cereal and condiments, except pies: min. 80% meat of kind claimed, max. 6% starch; for pies, min. 51% meat, max. 7% starch. Canned meat with pastry: min. 51% meat if meat named first. Canned meat pies where meat enclosed by pastry, min. 40% of named meats. Canned meat with veg.: min. 51% meat if named first. Canned sausages: min. 75% meat, max. 6% starch and dextrins. Meat calcd. as: % meat protein × F + % meat fat, where F = 4.8 [meat cooked in can], 4.2 [meat parboiled], 3.5 [meat cooked before canning]. 5.1 [Vict., meat cooked in pies]. Labelling: statement whether meat cooked before canning, partially cooked before canning, or cooked in can with retention of meat juice [or letters C, P, N respectively in bold type]; true description of contents and approx. % of each kind of meat [where two or more kinds, that named first to be in greatest proportion]. Canned ham or other semi-conserve canned meat to be marked "keep under refrigeration below 40°F."

**Meat Juice, Meat Extract.** Optional to juice: glycerine (presence and % declar.). Labelling: kind(s) of meat used.

### MILK PRODUCTS

**Processed Cheese.** Pasteurised type. fat, min. 45% in dry matter; moisture, max. 45%. Approved emulsifiers, max. 3% (N.S.W., S.A., Vict., W.A.). Na alginate, 1% (Vict.). Unheated type ("club cheese", "luncheon cheese", N.S.W., Vict.; "cheese paste", other States): fat, min. 48% in dry matter; moisture, max. 35%; $SO_2$, max. 2 grains/lb. Sliced processed cheese, sorbic acid in wrapper, 5g/1,000 sq. in., absorbed in cheese, 0.1% (N.S.W., Queens., Vict., W.A.); colour (no declar.).

### SPICES, CONDIMENTS, AND FLAVOURINGS

**Mustard.** Total ash, max. 8% Starch, max. 2.5%. No other foreign substance.

**Mustard Paste.** Optional: water, salt, verjuice, white wine, vinegar, tartaric or citric acid, sugar, turmeric spices (Vict., S. and W.A., Queens., Tas.: glycerine, spice oils).

**Compound Mustard.** Mustard and flour or starch; starch, max. 12%. Optional: turmeric, max. 0.375%. Labelling: "compound mustard"; declar. of presence of not more than 12% added starch.

**Table Salt.** Moisture, max. 1.0% (Queens.). $CaSO_4$, max. 0.6% (Tas., 1.4%); $CaCl_2$ and $MgCl_2$, max. 0.25%; insol. other than sulphates, max. 0.6%. No substances insol. in hot 0.1 N HCl. Optional: certain harmless anti-caking substances (Queens., Vict., W.A.: max. 2%).

**Iodized Salt.** KI, NaI, $KIO_3$ or $NaIO_3$, min. 25, max. 40 p.p.m. as iodine. Labelled as "iodized."

**Dendritic Salt** for food mfg. and processing (N.S.W., Queens., W.A., Tas.). Potass. ferro-cyanide, max. 50 p.p.m.

**Essences.** Solvents: ethyl alc. (Vict. and W.A.: if over 50%, must be labelled "Keep away from naked flame"), water (or

*AUSTRALIA (cont.)*

glycerol, W.A.)(and/or other harmless vehicles, N.S.W., Tas.; other approved vehicle, Queens., S.A.; approval for particular solvents should be sought; Optional: permitted colour (declar.). Antioxidants (to essential oils): propyl, octyl, dodecyl gallate, B.H.A., and mixtures of same, max. 0.1% (declar. in prescribed form). *Essence of lemon*: min. 10% by vol. oil of lemon. *Terpeneless essence of lemon* (Vict., W.A., Tas.): min. 0.4% citral. *Imitation essence of lemon*: min. 0.4% citral. Labelling: "imitation essence of lemon". (S.A.: called "lemon flavouring extract", and so labelled). *Vanilla essence:* alcohol, min. 50% by wt. (Vict., 60% of 95% alc.); vanillin, min. 0.1% (natural, Tas.); non-sugar solids, min. 2.1% w/v. (Tas.: in 100 ml., sol. matter from min. 10 g. of bean). Wichmann lead no.: min. 0.55. Optional: sugar (Tas.: glycerine). No foreign colouring. *Vanilla substitutes:* labelling "imitation vanilla", or "imitation vanilla essence"; coumarin and tonka bean extract prohib. (Vict., S.A.). *Fruit flavours or essences* (Tas.). Derived entirely from named fruit. No added colour. *Imitation fruit flavours or essences or extracts.* N.S.W., Vict., Queens.: colouring with caramel (no declar.). Vict.: permitted colour (declar.). N.S.W.: preserv. (declar.), $SO_2$, max. 2 grains/pt.; or benzoic acid, max. 7 grains/pt.

## SUGARS AND SUGAR PRODUCTS

**Icing Sugar.** (Except Tas.). Min. 99.5% sucrose.

**Icing Mixture.** (Except. Tas.). Farinaceous matter, max. 5%. Optional: permitted colour, flavouring; Ca phosphates, 1% as $P_2O_5$; silicates, 1%).

**Glucose Syrup.** $SO_2$, max. 2 gr./lb.; pH, 4.5–7.0.

## VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** Ordinary: labelling to show source material. *Distilled vinegar:* labelling as such and to show source. *Blended vinegar:* min. 50% ordinary vinegar. *Imitation vinegar:* water and acetic acid; labelling as imitation. For all types: acetic acid, min. 4% w/v.; copper, max. 0.5 grain/pt.; optional, caramel colour (no declar.); added flav. (declar. of nature). $SO_2$, max. 25 p.p.m. (W.A.).

**Sauces.** Optional: permitted colour (declar., except caramel). (Tomato sauce: see under "fruit and veg. products").

**Chutneys.** Fruit named to be min. 50% of total fruit and/or veg. (N.S.W., Queens.); in greater proportion than any other (Vict., Tas.). Colour: caramel only (N.S.W., Vict., Tas.). (For tomato chutney see p. 789).

**Pickles.** Optional (besides usual ingred.): Modif. agents, farinaceous subst., calc. chloride, max. 0.02% (N.S.W., W.A., Queens.); lactic acid; permitted colour (declar.); saltpetre, max. 14 grains/lb. (as $KNO_3$)(N.S.W. no limit); $SO_2$ from bleached veg. only, max. 5 grains/lb. (S.A., 700 p.p.m., Tas., 2 grains/lb.). Saccharin to onions only, no limit (N.S.W.).

## MODIFYING AGENTS

**Group I.** Gums acacia, benzoin, tragacanth, karaya, guar, locust bean; agar, Irish moss, pectin, alginates (not propylene glycol deriv. S.A., Tas.), tamarind extract

**Australia—Limits of Metallic Contamination in Foods (p.p.m.)**

| Food | Arsenic | Lead |
|---|---|---|
| Ales and beer | 0.15 | 0.2 |
| Baking powder | 1.5 | 10.0 |
| Cheese and other food wrapped in tin foil | 1.5 | 4.0 |
| Cream of tartar | 1.5 | 20.0 |
| Dried fruit | 4.0 | 15.0 |
| Fish in tinplate containers | 1.5 | 5.5 |
| Fruit and fruit products (other than dried fruit) | 1.5 | 5.5 |
| Gelatine | 4.0 | 10.0 |
| Glucose | 1.5 | 10.0 |
| Lactic acid | 5.0 | 10.0 |
| Meat in tinplate containers | 1.5 | 5.5 |
| Milk | 0.15 | 0.2 |
| Milk and milk products in tinplate containers | 1.5 | 2.0 |
| Non-excisable fermented drinks | 0.15 | 0.2 |
| Phosphates for use in food | 1.5 | 10.0 |
| Sauces | 1.0 | 10.0 |
| Summer drinks and aerated waters | 0.15 | 0.2 |
| Vegetables | 1.5 | 4.0 |
| Vinegar | 1.0 | 10.0 |
| Permitted colours | 1.5 | 10.0 |
| All other foods | 1.5 | 2.0 |

*Other metals*

| | | |
|---|---|---|
| Antimony | in beverages | 0.15 |
| | in other foods | 1.5 |
| Copper | in beverages | 5.0 |
| | in other foods | 30.0 |
| Selenium | in any food | 2.0 |
| Tin | in any food packed in tinfoil or tinplate | 250.0 |
| | in other foods | 40.0 |
| Zinc | in beverages | 5.0 |
| | in gelatine | 100.0 |
| | in other foods | 40.0 |

Any metal other than aluminium, antimony, arsenic, calcium, copper, iron, lead, lithium, magnesium, manganese, potassium, selenium, sodium, tin, or zinc:

| | |
|---|---|
| in beverages | 0.15 p.p.m. |
| in any solid food | 5.5 p.p.m. |

[illegible] *(cont.)*

(N.S.W., S.A.), arabinogalactan (S.A.)

**Group II.** Na and Ca *o*-phosphates, Na pyrophosphate, Na and K polyphosphates, Na polymetaphosphate; potass. hydrogen tartrate; ammonia, Na and K carbonates and bicarbonates; Ca and Mg carbonates, Ca chloride and oxide.

**Group III.** Acetic, citric, lactic, malic, and tartaric acids. Fumaric acid (Vict., W.A., S.A. only).

**Group IV.** Mono- and diglycerides of fatty acids, lecithin, amm. salt of phosphatidic acid, phospholipids from natural sources (S.A., N.S.W.), glyceryl lactostearate, diacetyl tartaric acid ester of mono and diglycerides, sodium stearyl fumarate (S.A.).

**Group V.** Sorbitol, glycerol (used as humectants).

**Group VI.** Gelatine, starch, dextranised or pregelatinised starches.

**Permitted uses.** As in regulations (e.g. confectionery) and spreads and extracts, mayonnaise and salad dressing (except Grp. V); Pickles (Grp. I and VI in certain States); Soups, incl. canned or dried (except Grp. V); dessert mixes (except Grp. IV and V).

### COLOURING MATTERS

See Tables, pp. 800-806.

### LABELLING

General requirements for all States regarding declar. of net contents (metric compulsory, imperial optional). Detailed type size requirements in all States.

## NEW ZEALAND

Food and Drug Regulations issued 1973.

### BEVERAGES, NON-ALCOHOLIC

**Fruit Syrups or Cordials.** Fruit juice, min. 25% (min. 25% whole fruit for citrus); sugar and/or glucose, min. 35%. Optional: fruit acids, orthophosphoric acid, ascorbic acid, colours (see Tables, pp. 800-806), emulsifiers, stabilizers, solvents [Flavouring Substances] (see p. 799), $SO_2$, max. 350 p.p.m., benzoic and sorbic acids, max. 1000 p.p.m.

**Fruit Flavoured Syrup or Cordial.** Fruit or fruit extracts with or without vegetables or cereal; sugar and/or glucose, min. 35%. Optional: as for fruit syrups and permitted flavouring substances. Labelling: no use of words "pure", "real" etc.

**Artificial Syrup or Cordial.** Permitted flavouring substances; sugar and/or glucose, min. 35%. Optional: as for fruit flavoured syrup and caffeine, max. 1000 p.p.m. Labelling: no use of words "pure", "real" etc.

**Fruit Drink.** Fruit juice, min. 5%; sugar and/or glucose. Optional: $CO_2$, ascorbic acid, permitted colour (Tables pp. 800-806), food acids, emulsifiers and stabilizers, solvents [Flavouring Substances] (see p. 799), $SO_2$, max. 115 p.p.m., benzoic and sorbic acids, max. 400 p.p.m. Labelling: no use of word "pure" if colour added.

**Fruit Flavoured Drink.** for As fruit flavoured cordial except no min. sugar or glucose content. Preservs: as for fruit drink.

**Artificial Drink.** As for artificial syrup except no min. sugar or glucose and caffeine, max. 200 p.p.m.

**Drink Flavour or Concentrate.** Mixture requiring dilution with water and does not comply with any of the above. Similar to fruit flavoured drink. Preservs: $SO_2$, benzoic and sorbic acids, max. 3000 p.p.m.

## COCOA, CHOCOLATE, AND SUGAR CONFECTIONERY

**Cocoa Paste, Mass, or Slab.** Fat, min. 48%. In dry, fat-free matter: crude fibre, max. 7%; total ash, max. 8%; water-insol. ash, max. 5.5%.

**Cocoa Powder.** No min. fat.

**Soluble Cocoa or Cocoa Essence.** No min. fat. In dry, fat-free matter: added alkali (as $K_2CO_3$), max. 3%. Dry, fat-free, alkali-free cocoa matter as for cocoa paste.

**Chocolate.** Min. 15% fat-free cocoa solids or fat-free cocoa solids and non-fat milk solids. Min. 3% fat-free cocoa solids. Max. 5% milk fat (max. 3% in dark chocolate). No foreign fats. Optional: cocoa butter; lecithin, max. 0.8% or mono- and dilgycerides, max. 0.5%; sugar; spices; permitted flavours; milk solids.

**Milk Chocolate.** Min. 4.5% milk fat and min. 10.5% non-fat milk solids.

## COFFEE PRODUCTS

**Coffee Essence (or Extract).** Caffeine min. 0.5%.

**Coffee and Chicory Essence (or Extract).** Caffeine, min. 0.25%. Coffee extract, min. 50%. Optional: sugar, glycerine, permitted flavouring.

## FATS AND OILS

**Fats and Oils Generally.** Antioxidants: BHA, BHT, propyl, octyl, dodecyl gallates, max. 0.01%; ascorbic acid, sod. ascorbate, ascorbyl palmitate, *iso*ascorbic acid and sod. salt, alpha tocopherols, max. 0.2%.

## FISH PRODUCTS

**Fish Paste.** Fish, min. 70%. Optional: other foods, permitted flavouring, ascorbic and *iso* ascorbic acids, annatto and caramel.

**Smoked Fish.** Optional: annatto, caramel.

**Canned Fish.** Optional: annatto, caramel, phosphates, max. 0.8% as $P_2O_5$, calc. disod. EDTA, max. 300 p.p.m., citric acid.

## FLOUR AND FLOUR PRODUCTS

**Flour (Wheat).** Moisture, max. 15%. Ash, max. 0.75%. No foreign matter, no artif. bleaching.

**Self-raising Flour.** Baking powder added. $CO_2$ liberation, min. 0.64%.

**Chlorinated Flour.** For manuf. of cakes and pastry, chlorine, max. 1500 p.p.m.

**Self-raising Cake Flour.** As for self-raising flour, except $CO_2$ liberation, min. 0.40%.

**Cornflour or Corn Starch.** From any variety of corn or grain. Ash, max. 0.5%. Labelling: if other than maize, a statement of variety of grain used.

**Custard Powder, Blancmange Powder and Similar.** Optional: permitted colour, harmless flav., permitted thickeners (see under "Stabilizers").

*NEW ZEALAND (cont.)*

Labelling: no use of name of a fruit unless conjoined with word "artificial" or "imitation"; no words or devices suggesting presence of egg or equiv. of egg.

## FLOUR CONFECTIONERY MATERIALS

**Almond Paste, Marzipan.** Almonds, sugar, and other wholesome foodstuffs (incl. permitted stabilizer). Almonds, min. 30%. Optional: permitted colour.

**Almond-Flavoured Paste (or Icing).** Sugar, almond, apricot or peach kernels, other wholesome foodstuffs (incl. permitted stabiliser), and almond oil or almonds or defatted almond. Optional: permitted colour, permitted flav. Prescribed labelling as "almond-flavoured paste (or icing)".

## FRUIT AND VEGETABLE PRODUCTS

**Jams and Conserves.** Sol. solids, min. 65% (uncorr. at 20°C). Fruit content, min.: blackberry, greengage, strawberry, 38%; blackcurrant, gooseberry, gooseberry and raspberry, gooseberry and strawberry, loganberry, plum, raspberry, raspberry and loganberry, raspberry and redcurrant, 35%; all other varieties, 40%. Optional: glucose, citric acid, pectin, spices. Labelling: name of prod. in letters min. 3 mm high. If more than one kind of fruit declr. all fruits in descending order by wt.

**Marmalade.** Sol. solids, min. 65%. Optional: glucose, pectin, spices. Labelling: as for jam.

**Fruit Jelly.** Jam made from pulped fruit which has been strained.

**Mincemeat.** Fruit, preserved fruit, spices. Optional: nuts, sugar, suet, alcoholic bevs., citric acid, salt, preserv.: benzoic or sorbic acid, max. 1,000 p.p.m.

## GELATINE AND GELATINE PREPARATIONS

**Gelatine.** Moisture, max. 16%. Ash, max. 3%. $SO_2$, max. 1000 p.p.m.

## INFANT FOODS

No preservatives, antioxidants, artific. sweeteners, colours, nitrates or nitrites. Labelling: statement (if food when prepared as directed does not approx. conform to comp. of human milk) that the food should not be given to infants under six months old except under skilled supervision (prescribed wording).

## INVALID FOODS

Statement of ingredients on which claim of suitability for invalids is based. Foods for diabetics: saccharin, max. 0.01%; sod. cyclamate, max. 0.15% (both may be used if amts. reduced proportionately); declar. of % of carbohydrate.

## MEAT PRODUCTS

**Manufactured Meat Products.** Meat, min. 75%; fat, max. 35%; organic N, min. 1.7%. Optional: cereal, sod. caseinate; salt, spices and herbs, sugar, vinegar; other foods; textured vegetable protein; permitted flavours; phosphates, max. 0.8% as $P_2O_5$; nitrate, max. 500 p.p.m.; nitrite, max. 200 p.p.m.; ascorbic acid, *iso*ascorbic acid; $SO_2$, max. 400 p.p.m. in uncooked meat only.

**Meat Paste.** Meat, min. 75%.

*NEW ZEALAND (cont.)*

## SOUP POWDERS

Cereals, grains, dried veg., spices, salt, other wholesome foodstuffs (incl. permitted stabilizer). Optional: harmless veg. colour, permitted flavours. Labelling: no name of a fruit, veg, or meat unless a substantial proportion present.

**Imitation Soup Powders.** Wholesome foodstuffs (incl. permitted stabilizer). Optional: permitted colour, permitted flav. Prescribed labelling, incl. list of ingreds.; no pictures of fruit, etc.

## SPICES, CONDIMENTS, FLAVOURINGS

**Mustard Paste.** Optional: water, vinegar, acetic acid, salt, sugar, turmeric, other spices; flour or starch, max. 10%.

**Table Salt.** Calcium sulphate, max. 1.4%; calcium and magnes, chloride. max. 0.5%; water-insol. max. 0.1%. Optional: free flowing agent, max. 2%.

**Iodized Salt.** Iodide, as potass. iodide, min. 40 p.p.m., max. 80 p.p.m. Labelled as "iodized".

## SUGAR AND SUGAR PRODUCTS

**Icing Sugar.** Sugar, min. 97%; starch, max. 2%; other free flowing agents, max. 1%. Colours and flavours permitted.

**Limits for Metallic Contamination, p.p.m.**

*Part A—Arsenic, copper, lead, and zinc:*

| *Food* | *Permissible Proportions (Parts per million by weight)* | | | |
|---|---|---|---|---|
| | *Arsenic* | *Copper* | *Lead* | *Zinc* |
| All beverages | 0.2 | 2 | 0.2 | 5 |
| All processed foods and foods in cans or metal foil, other than beverages, fruit, fruit products, and non-fermented syrups | 2 | 30 | 4 | 40 |
| Baking powder, cream of tartar, and aerating ingredients | 2 | 30 | 10 | 40 |
| Fruit and fruit products, other than beverages and non-fermented syrups | 1 | 50 | 2.5 | 40 |
| Gelatin | 2.5 | 30 | 7 | 100 |
| Infants' food as consumed | 1 | 30 | 0.5 | 40 |
| Non-fermented syrups | 1 | 10 | 1 | 25 |
| Tea | 1 | 150 | 10 | 40 |
| Vegetables | 1 | 50 | 2.5 | 40 |
| Yeast products (on dry basis) | 2 | 60 | 7 | 40 |
| Any other food | 1 | 30 | 2 | 40 |

*NEW ZEALAND (cont.)*

*Part B—Antimony, cadmium, fluorine, mercury, selenium, and tin*

| *Element* | *Food* | *Permissible Proportions (Parts per million by weight)* |
|---|---|---|
| Antimony | Any food other than beverages | 1 |
| Antimony | Beverages | 0.15 |
| Cadmium | Any food | 1 |
| Fluorine | Beverages | 3 |
| Fluorine | Phosphate food additives | 30 |
| Fluorine | Shellfish | 15 |
| Fluorine | Tea | 100 |
| Fluorine | Any food for which no other limit is specified in this table in relation to fluorine | 10 |
| Mercury | Fruit and vegetables | 0.03 |
| Mercury | Fish and fish products | 0.5 |
| Selenium | Any food | 2 |
| Tin | Any food for which no other limit is specified in this table in relation to tin | 40 |
| Tin | Asparagus, canned | 250 |
| Tin | Foods packed in cans or tinfoil, not being asparagus, tomatoes, or the pulp or juice of tomatoes | 150 |
| Tin | Tomatoes, canned, and the canned pulp or juice of tomatoes | 250 |

**Glucose Syrup.** Moisture, max. 21%. Sulphated ash, max. 1%. $SO_2$, max. 400 p.p.m.

## VINEGAR AND VINEGAR PRODUCTS

**Vinegar.** Acetic acid, min. 4 g./100 ml. Optional: caramel colour (no declar.), flavouring (declar.). Labelling: name of variety (*e.g.* malt vinegar, cider vinegar, etc.).

**Imitation Vinegar.** Dilute acetic acid only. Acetic acid, min. 4 g./100 ml., max. 12g./100 ml. Labelling: "imitation vinegar".

**Sauces.** Optional: permitted colour (declr. except for caramel); permitted flavour; thickeners, acids, etc.; benzoic and sorbic acids, max. 1,000 p.p.m.

**Tomato Sauce.** Optional: acetic acid, permitted flavour; preserves: as for sauces. No added colour.

## PESTICIDE RESIDUES

A schedule of tolerances (nil or otherwise) for residues of the commoner pesticides on or in foods is laid down.

## COLOURING MATTERS

See Tables, pp. 800-806.

## EMULSIFIERS AND STABILISERS

Acetylated monoglycerides; dimethylpolysiloxane; glyceryl esters of lactic, tartaric, citric acids; lecithin; mono- and diglycerides and their diacetyl tartaric acid and propylene glycol esters; orthophosphoric acid and salts; polyphosphates; sorbitan fatty acid esters; polyoxyethylene sorbitan esters; propylene glycol alginate; gums (arabic, carob, guar, karaya, tragacanth, xanthan); alginates, carrageenan, casein and salts, methyl cellulose, methyl ethyl cellulose, sod. CMC; agar; dextrin; furcelleran; gelatine; glyceryl mono- and distearate; modified starches; pectin and salts; sorbitol.

## FLAVOURING SUBSTANCES

All flavouring subs are permitted except: cade oil; coumarin; nitrobenzene; pyroligneous acid; safrole and isosafrole; sassafras oil. Solvents: ethyl acetate; ethyl alcohol; glycerol and its mono-, di- and triacetates; *iso*propyl alcohol; propylene glycol.

# OFFICIAL PERMITTED COLOURS

FOR ease of reference, the colours officially approved for use in foods in different countries are presented in the following tables.

Colours permitted only for the colouring of cheese rinds have been omitted.

Belgium, Denmark, France, Germany (West), Ireland, Italy, Luxembourg, the Netherlands and the United Kingdom have all complied with the E.E.C. directive.

N.B. **Not all foods may be coloured. It is essential to check in each country as to whether a particular food may be coloured.**

## TABLE OF OFFICIAL PERMITTED SYNTHETIC COLOURS

| 1956 COLOUR INDEX NO. | ARGENTINA | AUSTRALIA | AUSTRIA | BELGIUM | BRAZIL | CANADA | CHILE | COLOMBIA | DENMARK | EGYPT | FINLAND | FRANCE | GERMANY (EAST) | GERMANY (WEST) | INDIA | IRAN | ISRAEL | ITALY | JAPAN | KUWAIT | MEXICO | NETHERLANDS | NEW ZEALAND | NORWAY | PAKISTAN | PANAMA | PERU | POLAND | PORTUGAL | SINGAPORE | SOUTH AFRICA | SPAIN | SWEDEN | SWITZERLAND | THAILAND | TURKEY | UNITED KINGDOM | URUGUAY | U.S.A. (FEDERAL) | VENEZUELA | YUGOSLAVIA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **RED** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16035 Allura Red AC | | | | | | | | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | |
| 14700 Ponceau SX | | | × | | | ×[7] | × | | | | | | | | | × | | | | | × | | | | × | × | × | | | | | | | | | × | | | ×[7] | ×[2] | |
| 14815 Scarlet GN | | × | × | × | × | | | | | | | × | × | × | | × | | × | | | | × | | | | | | × | | | | × | | × | | | | | | | × |
| 14720 Carmoisine | | × | × | × | | | | | × | × | | × | × | × | × | × | × | × | | | × | × | × | | | | | × | | × | × | × | | × | × | | × | | | | × |
| 16045 Fast Red E | | × | × | | × | | | | | | | | × | | × | × | | | | | | | | | | | | | | | | × | | × | | | | | | | |
| 16150 Ponceau MX | | | | | | | | × | | × | | | | | | | | | | × | | | | | | | | | | | | | | | | | | × | | | |
| 16155 Ponceau 3 R | | | | | | | | × | | | | | | | | | | | | × | × | | | | | × | × | | | | | | | | | × | | | | ×[2] | |
| 16255 Ponceau 4 R | × | × | × | × | | | | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | | | × | × | × | × | × | ×[1] | × | × | × | × | × | | | × |
| 16290 Ponceau 6 R | | | × | × | | | | | | | | × | × | × | | × | | × | | | | × | | | | | | | | | | × | | | | | | | | | |
| 16185 Amaranth | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | ×[1] | × | × | × | × | × | × | × | × |
| 18050 Red 2 G | | | | | | | | | | × | | | | | | | | | | | | | | | | | | | | | × | | | | | | × | | | | |
| 18055 Red 6 B | | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17200 Red 10 B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14780 Red FB | | × | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45430 Erythrosine BS | × | × | ×[3] | × | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | | | × | × | × | × | ×[3] | × | × | × | × | × | | × |

[1] *Proposed for removal.*
[2] *Provisionally permitted.*
[3] *For colouring whole halved or stoned fruit only.*
[7] *Maraschino cherries only (Canada, U.S.A.), fruit peel, glacé fruits (Canada).*

TABLE CONTINUED OVERLEAF

## TABLE OF OFFICIAL PERMITTED SYNTHETIC COLOURS

| 1956 COLOUR INDEX NO. | | ARGENTINA | AUSTRALIA | AUSTRIA | BELGIUM | BRAZIL | CANADA | CHILE | COLOMBIA | DENMARK | EGYPT | FINLAND | FRANCE | GERMANY (EAST) | GERMANY (WEST) | INDIA | IRAN | ISRAEL | ITALY | JAPAN | KUWAIT | MEXICO | NETHERLANDS | NEW ZEALAND | NORWAY | PAKISTAN | PANAMA | PERU | POLAND | PORTUGAL | SINGAPORE | SOUTH AFRICA | SPAIN | SWEDEN | SWITZERLAND | THAILAND | TURKEY | UNITED KINGDOM | URUGUAY | U.S.A. (FEDERAL) | VENEZUELA | YUGOSLAVIA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **RED** (*cont.*) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16180 | Bordeaux B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | X | | | |
| — | Acid Fuchsine | | | X | | | | | X | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | X | | | |
| 45380 | Eosine | | | | | | | | X | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | X | | | |
| 12141 | Rose Bengale | | X | | | | | | X | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | X | | | |
| 12156 | Citrus Red No. 2 | | | | | X[4] | X[4] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X[4] | | |
| **ORANGE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15970 | Orange RN | | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | X | | | | X | | X | | | | |
| 15980 | Orange GGN | | X | X | X | X | | | | | | | X | X | X | | X | | X | | | | X | | | | | | | | | | | | | | | | | | | |
| 11920 | Oil Yellow GG | | | | | | | | | | X | | | | | | | | | | X | | | | | | | | | | | X | | | | X | | | | | | |
| 16230 | Orange G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | | X | | | | |
| 14600 | Orange I | | | | | | | | | | | | | | | | | | | | X | | | | | | | X | | | | | | | | | | | X | | | |

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[4] For colouring orange skins only (Brazil for cherries and cherry drinks also).

| 1956 COLOUR INDEX NO. | ARGENTINA | AUSTRALIA | AUSTRIA | BELGIUM | BRAZIL | CANADA | CHILE | COLOMBIA | DENMARK | EGYPT | FINLAND | FRANCE | GERMANY (EAST) | GERMANY (WEST) | INDIA | IRAN | ISRAEL | ITALY | JAPAN | KUWAIT | MEXICO | NETHERLANDS | NEW ZEALAND | NORWAY | PAKISTAN | PANAMA | PERU | POLAND | PORTUGAL | SINGAPORE | SOUTH AFRICA | SPAIN | SWEDEN | SWITZERLAND | THAILAND | TURKEY | UNITED KINGDOM | URUGUAY | U.S.A. (FEDERAL) | VENEZUELA | YUGOSLAVIA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **YELLOW** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10316 Naphthol Yel. S | | | | | | | | × | | | | | | | | | | | | × | | | | | | × | × | | | | | | | | | | | × | | | |
| 13015 Fast Yellow AB | | × | × | × | × | | | | | | | × | × | × | | × | | × | | × | | × | | | | | | × | | | | × | | × | | | | | | | × |
| 15985 Sunset Yel. FCF | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | ×[1] | × | × | × | × | | × | ×[2] | × |
| 19140 Tartrazine | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | ×[1] | × | × | × | × | × | × | × | × |
| 18965 Yellow 2 G | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | × | | | | |
| 14270 Chrysoin S | | | × | × | | | | | | | | × | × | × | | | | × | | | | × | | | | | | | | | | | | | | | | | | | |
| 12740 Oil Yellow XP | | | | | | | | | | | | | | | | | | | | × | | | | | | | | | | | | | | | | | × | | | | |
| 47005 Quinoline Yel. | | | × | × | | | | | × | | × | × | × | × | | × | | × | | | | × | | × | | | | | | | | × | × | × | × | | × | | | | × |

TABLE CONTINUED OVERLEAF

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[1] —*Proposed for removal.*
[2] —*Provisionally permitted.*

## TABLE OF OFFICIAL PERMITTED SYNTHETIC COLOURS

| 1956 COLOUR INDEX NO. | ARGENTINA | AUSTRALIA | AUSTRIA | BELGIUM | BRAZIL | CANADA | CHILE | COLOMBIA | DENMARK | EGYPT | FINLAND | FRANCE | GERMANY (EAST) | GERMANY (WEST) | INDIA | IRAN | ISRAEL | ITALY | JAPAN | KUWAIT | MEXICO | NETHERLANDS | NEW ZEALAND | NORWAY | PAKISTAN | PANAMA | PERU | POLAND | PORTUGAL | SINGAPORE | SOUTH AFRICA | SPAIN | SWEDEN | SWITZERLAND | THAILAND | TURKEY | UNITED KINGDOM | URUGUAY | U.S.A. (FEDERAL) | VENEZUELA | YUGOSLAVIA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GREEN** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42085 Guinea Green B | | | | | | | | | | | | | | | | × | | | | | | | | | × | × | × | | | | | | | | | | | | | | |
| 42095 Lt. Gr. SF Yellowish | | | | | | | | | | | | | | | | × | | | | × | | | | | × | × | × | | | | | | | | | | | × | | | |
| 42053 Fast Green FCF | | | | | | × | | | × | | × | | | | | × | | | × | | | | | | × | × | × | | × | × | × | | × | | × | | | | × | | |
| 44090 Green S | × | × | | × | | | | | × | | | × | | × | | | | × | | | | × | × | | | | | | | × | × | | | | × | | × | | | | |
| 42000 Malachite Green | | | | | | | | × | | | | | | | | | | | | × | | | | | | | | | | | | | | | | | | × | | | |
| **BLUE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73015 Indigo Carmine | × | × | × | × | × | × | × | | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × |
| 42090 Bril. Blue FCF | | × | | | | × | | × | × | | | | | | | × | × | | × | | | | × | | × | × | × | | | × | | | | | × | × | × | | × | | |
| 42045 Blue VRS | | | × | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42051 Patent Blue V | × | | × | × | | | | | × | | × | × | | × | | | | × | | | | × | | × | × | | | | | | | | × | × | × | | × | | | | × |
| 69800 Indanthrene Blue RS | | | × | × | × | | × | | × | | × | × | × | × | | | | × | | | | × | | × | × | | | | | | | × | ×[1] | | × | | × | | | | |

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[1]—*Proposed for removal.*

| 1956 COLOUR INDEX NO. | | ARGENTINA | AUSTRALIA | AUSTRIA | BELGIUM | BRAZIL | CANADA | CHILE | COLOMBIA | DENMARK | EGYPT | FINLAND | FRANCE | GERMANY (EAST) | GERMANY (WEST) | INDIA | IRAN | ISRAEL | ITALY | JAPAN | KUWAIT | MEXICO | NETHERLANDS | NEW ZEALAND | NORWAY | PAKISTAN | PANAMA | PERU | POLAND | PORTUGAL | SINGAPORE | SOUTH AFRICA | SPAIN | SWEDEN | SWITZERLAND | THAILAND | TURKEY | UNITED KINGDOM | URUGUAY | U.S.A. (FEDERAL) | VENEZUELA | YUGOSLAVIA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VIOLET** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42650 | Violet 5 BN | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | |
| 42640 | Violet 6 B | | | | | | | | | | | X | | | | | X | | | | | X | | | | X | | | | | | | | | | | | | | | | |
| 42535 | Methyl Violet | | | | | | | | X | | X | | | | | | | | | | X | | | | | | | | | | | | | | | | | | X | | | |
| 42580 | Violet BNP | | X | | | | | | | | | | | | | | | | | | | | | X | | X | | | | | | | | | | | | | | | | |
| **BROWN** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| — | Brown FK | | X | | | | | | | | | | | | | | | | | | | | | X | | X | | | | | | | | | | | | X | | | | |
| — | Choc. Brown FB | | X | | | | | | | | | | | | | | | | | | | | | X | | X | | | | | | | | | | | | X | | | | |
| 20285 | Choc. Brown HT | | X | | | | | | | | | | | | | | | | | | | | | X | | X | | | | | | | | | | | | X | | | | |
| **BLACK** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28440 | Black PN | | X | X | X | | | | | X | | X | X | | X | | X | | X | | | | X | | | X | | | X | | X | | | | X | | | X | | | | X |
| — | Black 7984 | | | | X | | | | | X | | | X | | X | | | | X | | | | X | | | | | | | | | | | X[9] | | | | X | | | | |

[9] Fish roe only (*proposed for removal*).

## TABLE OF PERMITTED MINERAL AND "NATURAL" COLOURS

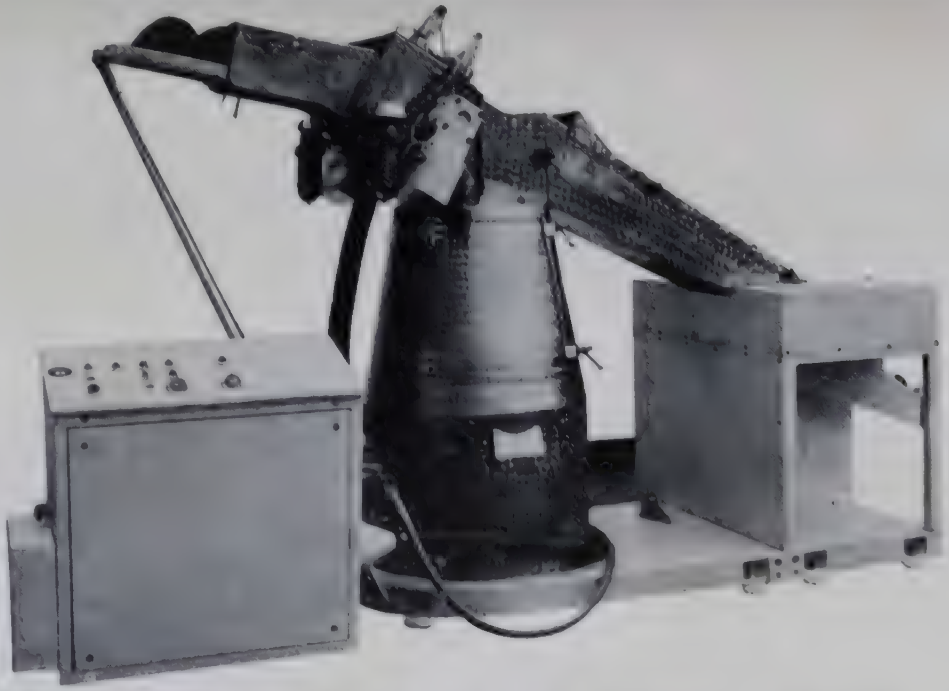
| | ARGENTINA | AUSTRALIA | AUSTRIA | BELGIUM | BRAZIL | CANADA | CHILE | COLOMBIA* | DENMARK | EGYPT | FINLAND | FRANCE | GERMANY (EAST) | GERMANY (WEST) | INDIA | IRAN | ISRAEL | ITALY | JAPAN* | KUWAIT† |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Black | ✓ | | | | | ✓ | ✓ | | | | | | | | | ✓ | ✓ | | | |
| Carbon, Vegetable | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | ✓ | | | ✓ | ✓ | ✓ | |
| Iron Oxides | | ✓[8] | ✓ | ✓[6] | | ✓ | | | ✓ | | | ✓[6] | ✓ | ✓[6] | | ✓ | ✓ | ✓[6] | | |
| Titanium Dioxide | | | ✓[5] | ✓[6] | | ✓ | | | ✓ | | | ✓[6] | ✓ | ✓[6] | | ✓ | ✓ | ✓[6] | | |
| Ultramarine Blue | | | ✓ | | | | | | | | | | | | | ✓ | ✓ | | | |
| Alkannet | ✓ | | | | | ✓ | ✓ | | | ✓ | ✓ | | | | | ✓ | ✓ | | | |
| Annatto | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| Caramel | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Carmine (Cochineal) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓[12] | |
| Chlorophyll | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | | |
| Cu-Chlorophyll Complex | | | ✓ | ✓ | | | ✓ | | ✓ | | | ✓ | | ✓ | | | ✓ | ✓ | | |
| Saffron | ✓ | ✓ | | | ✓ | ✓ | ✓ | | | ✓ | | | | | | | ✓ | | | |
| Other Harmless Veg. Colours | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | | | ✓ | | | ✓ | | | ✓ | ✓ | | | |

| | MEXICO | NETHERLANDS | NEW ZEALAND | NORWAY | PAKISTAN | PANAMA | PERU | POLAND | PORTUGAL | SINGAPORE | SOUTH AFRICA | SPAIN* | SWEDEN | SWITZERLAND | THAILAND | TURKEY | UNITED KINGDOM | URUGUAY | U.S.A. (FEDERAL) | VENEZUELA | YUGOSLAVIA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Black | | | | | | | ✓ | | | | | | | ✓ | ✓ | ✓ | ✓ | | ✓ | | |
| Carbon, Vegetable | | ✓ | | | | ✓ | | | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ |
| Iron Oxides | | ✓[6] | | | | | | | | ✓ | ✓ | | | | | ✓ | ✓ | | | | |
| Titanium Dioxide | | ✓[6] | | ✓ | | | | | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | |
| Ultramarine Blue | | ✓[6] | | | | | | | | ✓ | | | | | | ✓ | | ✓ | | | |
| Alkannet | ✓ | | ✓ | | | ✓ | ✓ | | ✓ | ✓ | | | ✓[1] | ✓ | | ✓ | | | | | |
| Annatto | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓[11] | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ |
| Caramel | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Carmine (Cochineal) | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓[1] | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Chlorophyll | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ |
| Cu-Chlorophyll Complex | | ✓ | | | | ✓ | | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | | | | ✓ |
| Saffron | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | | | ✓ | | ✓ | ✓ | |
| Other Harmless Veg. Colours | ✓ | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | | ✓ | | | |

1—*Proposed for removal*
5—*For surface colouring only.*
6—*For use on sugar only.*
8—*Fish paste only (SA, NSW)*

10—*Max. 1%*
11—*In butter only.*
12—*Not the Al lake.*

†—*Regulations do not cover natural colours*



koruma
MASCHINEN

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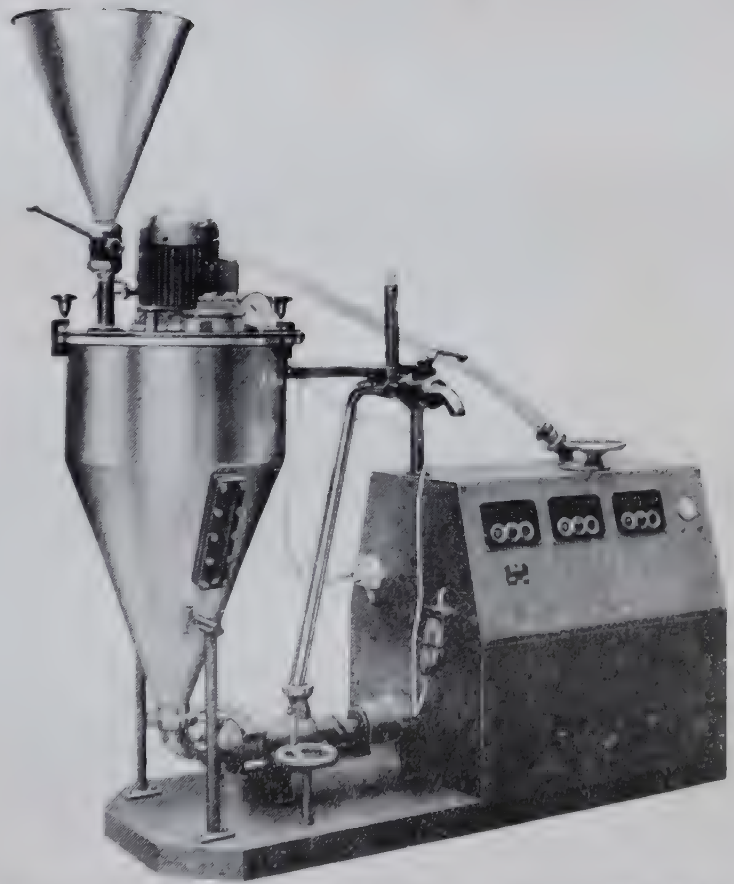

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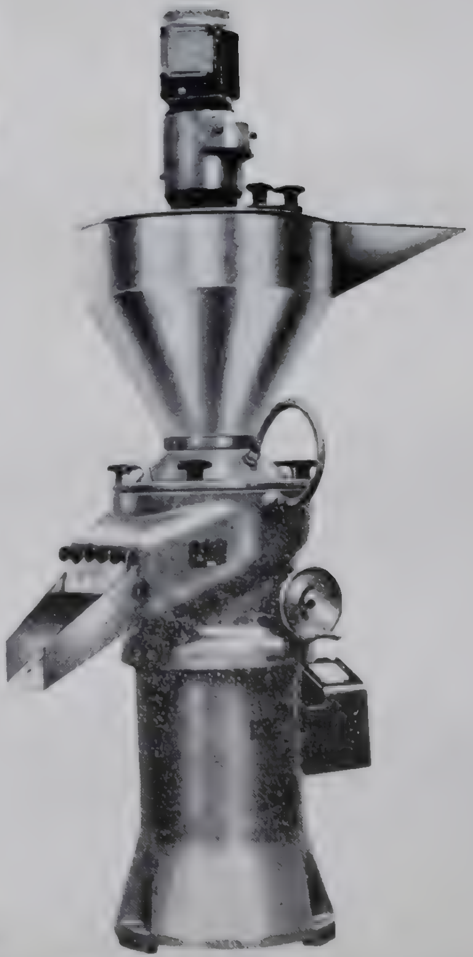
KORUMA VACUUM DE-AERATORS are suitable for all liquid to pasty products in which air has been entrained by the preceding processing. According to the product, up to 100% de-aeration can be obtained. A range of machines covers capacities from 20 to 10,000 Kg/h. Complete process plant comprising the pre-grinding and fine-grinding mills, surge tanks and de-aerators can be supplied. These are purpose designed for fruit and vegetable juice and pulps, baby food, mustard, sunflower and sesame seeds. Special mills are available for marzipan, persipan, grinding roasted cocoa beans and making nut pralines.



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THE following list contains the names of those who specialise in consulting or analytical work connected with foods or food processing. The particulars have been supplied by the consultants themselves.

The food processor occasionally requires the services of an expert in connection with some problem outside the field of food processing, such as fuel analysis, atmospheric pollution, paints and varnishes, and building materials

It has not been considered appropriate to include the names of such specialists here. They may, however, be found in the "Directory of Independent Consultants in Chemistry and Related Subjects", published by the Royal Institute of Chemistry; copies may be obtained, free of charge, upon application to the Registrar, 30, Russell Square, London, W.C.1.

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| NAME OF PRINCIPAL | NAME OF PRACTICE |
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| rowhurst, Basil | |
| rowhurst, P. N. R. | Food-Pak Technical Services |
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| akin, John C. | Parry, Ferguson & Dakin |
| avall, D. | John Hughes |
| avis, Adrian J. G. | Dr. J. G. Davis & Partners |
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| Herringshaw, J. F. | D. W. Kent-Jones & A. J. Amos |
| Hooke, G. F. | Rudduck & Sherratt |
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| Howes, C. S.<br>Howes, H. S. | Waterfall & O'Brien |
| Hutchinson, Alan | J. & H. S. Pattinson |
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| Mundy, L. M. | Herd & Mundy<br>Wallace & Clark |
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| Ottaway, P. Berry | Berry Ottaway & Associates |

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| Rymer, T. E. | **Rymer & Redman** |
| Sciver, A. | **Rideal, Rideal & Sciver** |
| Sciver, Mrs. O. M. | |
| Shelton, J. H. | **Leo Taylor & Lucke** |
| Sinar, R. | **Ruddock & Sherratt** |
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| Wearmouth W. G. | |
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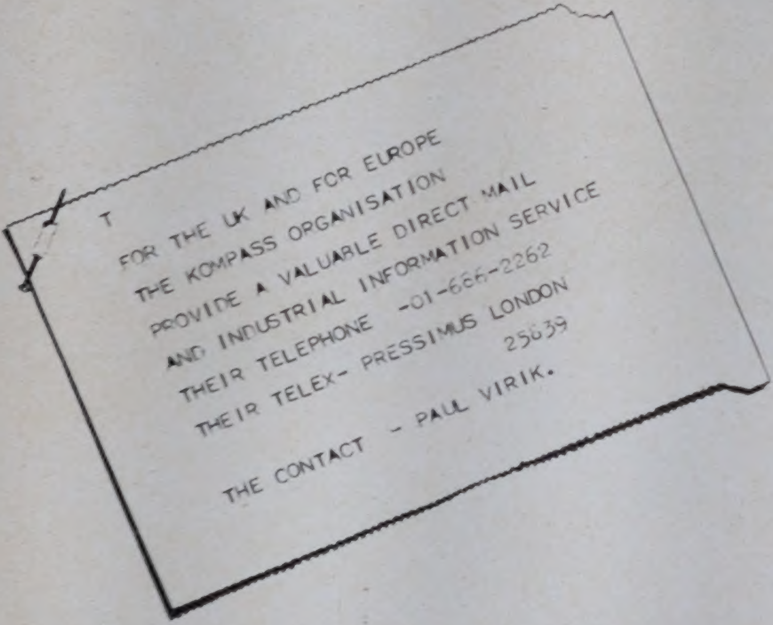
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# INDEX TO ADVERTISERS

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Arcall Ltd. *facing page* 576
Aylwin, Geo., & Son Ltd. 245

Balfour, Henry, & Co. Ltd. 353
Beth Label & Wrapper Machines Ltd., The *facing page* 22
Bog Jorgenson, R., Ltd. *facing page* 295
Briess & Co. Ltd. 242
Buhler-Miag (England) Ltd. *facing page* 294
Bush Boake Allen Ltd. *Front Cover*

Dalton, James (Seasoning & Spices) Ltd. 238, 242, 245

Fibrisol Service Ltd. *facing page* 587
FMC Corporation *Back Cover*
Fraser, John, & Son Ltd. 313
Frigoscandia Ltd. 294

Glentham Essence Co. Ltd. i
Goring Kerr Ltd. *facing page* 561
Gough & Co. (Hanley) Ltd. 329
Greer, J. W., Ltd. 435
Grinsted Products Ltd. 237

Hay-Lambert Ltd. 228
Heap, Joseph, & Sons Ltd. 260
Heston Equipment Co. Ltd., The *facing page* 560
Holroyd Food Machinery Ltd. 309

ICI Organics 264
I.T.C. Systems (Unimix) ii

KEK Ltd. *facing page* 540
Kiril Mischeff Ltd. 232
Kompass Publishers Ltd. 821

Laing National Ltd. 269
Leiner, P., & Sons Ltd. *Spine*
Lock, A. M., & Co. Ltd. 396

Mellish, A. W., Ltd. 823
Metal Box Company Ltd., The *facing page* 541

Nopi Ltd. *facing page* 559
Norprint Ltd. 395
Norris, D. C., & Co. (Engineering) Ltd. *facing page* 617

Oppenheimer Casing Co. (U.K.) Ltd., The 262

Paine & Co. Ltd. 259
Payne, F. C., & Co. *facing page* 616
Pedex Ltd. *Bookmark*
Pointing Ltd. *facing page* 222
Pritchett, L. E., & Co. Ltd. 253
Protim Pest Control Ltd. *facing page* 577

Realm Engineering Works Ltd. 431
RHM Ingredient Supplies Ltd. 249
Roche Products Ltd. *facing page* 23

Sapal Ltd. 365
Seyfried, John F., & Sons Ltd. 241
Shaw, A. J., Co. 365
Sierex Ltd. *Bookmark*
Simon, Richard, & Sons Ltd. 341
Soya Foods Ltd. 266
Sturge, John & E., Ltd. 231

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